



PETROLEUM DOWNSTREAM STATISTICAL BULLETIN

Fourth Quarter Publication, 2020

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

Brent crude oil price traded between a weekly average of \$37.55/barrel and \$50.85/barrel during the fourth quarter of 2020. Table 1 below shows the weekly average Brent crude oil price from October to December 2020.

Table 1: Weekly Average Brent Crude Oil Prices October-December 2020

Month	Week	Average Price (\$)
Oct-20	1st week	38.76
	2nd week	40.95
	3rd week	41.13
	4th week	41.23
	5th week	37.55
Nov-20	1st week	38.36
	2nd week	42.20
	3rd week	42.98
	4th week	46.65
	5th week	46.39
Dec-20	1st week	48.01
	2nd week	49.38
	3rd week	50.85
	4th week	50.51
	5th week	50.64

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 2020 (GHS/Lt except LPG GHS/Kg)

Month	Period	Petrol	Diesel	LPG
Oct-20	1st	4.58	4.58	5.09
	16th	4.61	4.62	5.29
Nov-20	1st	4.55	4.56	5.32
	16th	4.60	4.61	5.31
Dec-20	1st	4.54	4.55	5.24
	16th	4.74	4.74	5.50

Source: NPA database

4.0 Petroleum Products Stock Situation

At the end of the fourth quarter 2020, 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 2020.

Table 3: Stock Situation as at the end of the Fourth Quarter 2020

Month	Opening Balance 01/10/20		Closing Balance 31/12/20	
	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 2020

5.1 Petroleum Products import

A total of **1.4 million metric tonnes** of petroleum products was imported in the fourth quarter 2020. Tables 4 and 5 show the trend of importation and comparison of fourth quarter 2019 and fourth quarter 2020 imports.

Table 4: Petroleum Products Imports (MT) – Fourth Quarter 2020

Product	Oct-20	Nov-20	Dec-20	Total
Gasoil	240,899	130,607	192,968	564,475
Gasoline	111,877	232,085	149,552	493,514
LPG	21,880	22,106	13,139	57,125
ATK	10,930	-	10,983	21,913
HFO	-	-	9,008	9,008
Crude	215,806	42,917	3,781	262,503
Total	601,393	427,715	379,430	1,408,538

Source: NPA's petroleum products imports database

Table 5: Comparison of 4th quarter 2019 and 4th quarter 2020 Imports (MT)

Quarter	Gasoil	Gasoline	LPG	ATK	HFO	Crude	Total
4th Quarter 2019	375,289	312,877	49,928	12,939	25,209	321,898	1,098,140
4th Quarter 2020	564,475	493,514	57,125	21,913	9,008	262,503	1,408,538
% Change	50%	58%	14%	69%	-64%	-18%	28%

Source: Author's own computation using NPA database

5.2 Petroleum Products Supply

A total of **1.16 million metric tonnes** of petroleum products was supplied unto the market in the fourth quarter 2020. 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 2020

Month	Residual Fuel Oil	Residual Fuel Oil (power plant)	Gasoil	Gasoil (Mines)	Gasoil (Rig)	Marine Gasoil (Local)	Marine Gasoil (Foreign)	Kerosene (Domestic)	LPG	Premium	Premix	ATK	Unified	Total
Oct-20	3,734	241	145,656	23,018	1,982	6,474	536	482	21,912	139,002	6,931	11,192	-	361,160
Nov-20	5,437	54	151,042	22,605	1,877	6,232	834	718	35,299	144,681	7,512	12,058	51	388,401
Dec-20	4,600	8,523	149,557	29,640	1,660	3,171	436	504	29,731	157,858	6,289	14,927	82	406,977
Total	13,770	8,817	446,255	75,263	5,519	15,877	1,807	1,704	86,942	441,541	20,732	38,178	133	1,156,538

Source: NPA database on petroleum products supply

Table 7: comparison of 4th quarter 2019 and 4th quarter 2020 (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 2019	18,159	27,936	386,507	8,043	1,930	1,016	78,914	361,297	11,589	838	68,002	59,390	12,577	1,023,620
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
% change	-24%	-68%	15%	97%	-93%	68%	10%	22%	79%	116%	11%	-36%	-56%	13%

Source: NPA database on petroleum products supply

6.0 Performance of Bulk Distribution Companies and Oil Refineries for the Fourth Quarter 2020

The performance of BDCs/refineries for the fourth quarter 2020 indicates that **ten (10) companies** had the highest and combined market shares of 76%. The remaining BDCs/refineries had a combined market share of 24%. Table 8 below shows the BDCs/refineries performance statistics for the fourth quarter 2020.

Table 8: BDCs and Refineries Performance Statistics (MT) – Fourth Quarter 2020

No.	Company	Total Products Distributed	Market Shares
1	GoENERGY COMPANY LIMITED	169,024	15%
2	BLUE OCEAN INVESTMENTS LIMITED	132,164	11%
3	JUWEL ENERGY LIMITED	122,329	11%
4	MARANATHA OIL SERVICES LIMITED	88,114	8%
5	CHASE PET. GHANA LIMITED	75,147	6%
6	FUELTRADE LIMITED	72,405	6%
7	ASTRA OIL SERVICES LIMITED	71,231	6%
8	VIHAMA ENERGY LIMITED	53,289	5%
9	LEMLA PETROLEUM LIMITED	52,987	5%
10	SAGE DISTRIBUTION LIMITED	46,869	4%
11	CIRRUS OIL SERVICES LIMITED	41,204	4%
12	DOMINION INT. PETROLEUM LIMITED	36,341	3%
13	EAGLE PETROLEUM COMPANY LIMITED	35,825	3%
14	NENSER PETROLEUM GHANA LIMITED	32,879	3%
15	PETROLEUM WAREHOUSING & SUPPLY LIMITED	16,234	1%
16	MED PETROLEUM COMPANY LIMITED	12,533	1%
17	WOODFIELDS ENERGY RESOURCES LIMITED	12,201	1%
18	BATTOP ENERGY LIMITED	11,463	1%
19	OIL CHANNEL LIMITED	11,418	1%
20	MATRIX GAS GHANA LIMITED	10,266	1%
21	NATION SERVICES LIMITED	7,952	1%
22	RAMA ENERGY LIMITED	7,545	1%
23	RHEMA ENERGY COMPANY LIMITED	6,623	1%

24	LHS GHANA LIMITED	5,940	1%
25	ALFAPETRO GHANA LIMITED	5,175	0%
26	FIRM ENERGY LIMITED	3,641	0%
27	GLOBEX ENERGY LIMITED	3,627	0%
28	MISYL ENERGY COMPANY LIMITED	3,046	0%
29	OIL TRADE COMPANY LIMITED	2,649	0%
30	EBONY OIL & GAS LIMITED	2,076	0%
31	AKWAABA OIL REFINERY LIMITED	1,343	0%
32	MOBILE ENERGY RESOURCES LIMITED	1,195	0%
33	GENYSIS GLOBAL LIMITED	1,119	0%
34	PLATON GAS OIL LIMITED	626	0%
35	DOME ENERGY RESOURCES LIMITED	44	0%
36	SA ENERGY LIMITED	15	0%
37	HASK OIL COMPANY LIMITED	-	0%
38	STRATCON ENERGY TRADING LIMITED	-	0%
39	TEMA OIL REFINERY (TOR)	-	0%
	TOTAL	1,156,538	100%

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

7.0 Oil Marketing Companies Performance Statistics for the Fourth Quarter 2020

Table 9 presents the top twenty (20) Oil Marketing Companies (OMCs) performance statistics for the fourth quarter 2020. The combined market share of the 20 OMCs was 75%. The rest of the OMCs had a combined market share of 25%.

Table 9: Top 20 OMCs Performance Statistics – Fourth Quarter, 2020

No.	Company	Total Products Supplied (MT)	Market Shares
1	GHANA OIL COMPANY LIMITED	169,130	15%
2	VIVO ENERGY GHANA LIMITED	101,244	9%
3	TOTAL PETROLEUM GHANA LIMITED	95,369	8%
4	ZEN PETROLEUM LIMITED	78,118	7%
5	ZOE PETROLEUM LIMITED	76,894	7%
6	GULF ENERGY GHANA LIMITED	71,234	6%
7	PUMA ENERGY DISTRIBUTION GHANA LIMITED	46,247	4%
8	SANTOL ENERGY LIMITED	41,618	4%
9	BENAB OIL COMPANY LIMITED	26,814	2%
10	PACIFIC OIL GHANA LIMITED	24,133	2%
11	STAR OIL COMPANY LIMITED	22,984	2%
12	PETROSOL GHANA LIMITED	22,089	2%
13	Q8 OIL (GH) COMPANY LIMITED	21,129	2%
14	NAAGAMNI GHANA LIMITED	20,648	2%
15	GASO PETROLEUM LIMITED	18,814	2%
16	FRIMPS OIL COMPANY LIMITED	17,550	2%
17	MAXX ENERGY LIMITED	15,732	1%
18	DUKES PETROLEUM COMPANY LIMITED	14,259	1%
19	ALLIED OIL COMPANY LIMITED	11,822	1%
20	TEL ENERGY LIMITED	11,675	1%

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

8.0 Petroleum Product Re-export/Transit

A total of **24,529 metric tonnes** of petroleum products was re-exported/transited to Burkina Faso, Niger and Mali in the fourth quarter of 2020. Table 10 presents the total petroleum products re-exported/transited.

Table 10: Total Petroleum Products Re-export/Transit for fourth Quarter 2020 (MT)

Month	Gasoil	Gasoline	LPG	Total
Oct-20	487	5,322	-	5,809
Nov-20	761	5,439	641	6,841
Dec-20	3,206	8,384	288	11,879
Total	4,454	19,146	929	24,529

Source: NPA database on petroleum products export

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