



PETROLEUM DOWNSTREAM STATISTICAL BULLETIN

First Quarter Publication, 2019

Vol. 1

1.0 Introduction

The NPA's quarterly petroleum downstream statistical bulletin provides statistical information on key indicators of the petroleum downstream sector such as crude oil prices, petroleum product prices, petroleum products supply and demand, stock situation, BDCs/TOR 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 price traded between a weekly average of \$54/barrel and \$67/barrel during the first quarter of 2019. Table 1 below shows the weekly average crude price from January to March 2019.

Table 1: Weekly Average Crude Prices Jan-March 2019

Month	Week	Average Price (\$)
Jan-19	1st week	54.19
	2nd week	58.69
	3rd week	59.91
	4th week	61.38
	5th Week	61.42
Feb-19	1st week	61.90
	2nd week	63.94
	3rd week	66.65
	4th week	65.22
Mar-19	1st week	64.22
	2nd week	65.89
	3rd week	67.38
	4th week	67.39

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 (diesel, petrol and LPG) of Oil Marketing Companies (OMCs) and LPG Marketing Companies (LPGMCs).

Table 2: Prices of Petroleum Products Jan –March 2019 (GHp/Lt except LPG GHp/Kg)

Month	Period	Diesel	Petrol	LPG
Jan-19	1 st -15 th	4.92	4.91	5.01
	16 th – 31 st	4.91	4.89	4.96
Feb-19	1 st – 15 th	4.80	4.90	4.89
	16 th – 28 th	4.92	4.91	4.99
Mar-19	1 st -15 th	5.16	5.15	5.04
	16 th -31 st	5.17	5.17	4.97

Source: NPA database

4.0 Petroleum Products Supply and Consumption for the first quarter 2019

4.1 Petroleum Products import

A total of **1.1 million metric tonnes** of petroleum products was imported in the first quarter 2019. A total of 162,000MT of crude oil was also imported in the first quarter of 2019. The quantity of petroleum products imported in the first quarter 2019 is 8% less than quantity imported in the same period 2018. Tables 3 and 4 show the trend of importation and comparison of first quarter 2018 and first quarter 2019 imports.

Table 3: Petroleum Products Imports (MT)

Product	Jan-19	Feb-19	Mar-19	Total
Gasoil	119,148	209,223	203,963	532,333
Gasoline	183,965	113,246	87,442	384,653
LPG	23,714	26,287	30,616	80,617
ATK	16,990	32,824	9,966	59,781
HFO	-	24,933	10,948	35,881
Bitumen		3,600		3,600
Total	343,817	410,114	342,935	1,096,866
Crude	38,539	123,133		161,672

Source: NPA database on petroleum products imports

Table 4: Comparison of 1st quarter 2018 and 1st quarter 2019 Imports

Quarter	Gasoil	Gasoline	LPG	ATK	HFO	Bitumen	Total
1st Quarter 2019	532,333	384,653	80,617	59,781	35,881	3,600	1,096,866
1st Quarter 2018	539,344	445,923	88,111	29,087	73,932	16,050	1,192,447
Difference	(7,011)	(61,270)	(7,494)	30,693	(38,051)	(12,450)	(95,582)
% Change	-1%	-14%	-9%	106%	-51%	-78%	-8%

Source: Author's own computation using NPA database

4.2 Petroleum Products Supply

A total of **1.01 million metric tonnes** of petroleum products was supplied unto the market in the first quarter 2019. This is 0.1% more than the quantity supplied in the same period of 2018. Tables 5 and 6 below show the trend of petroleum products supply and quarter-on-quarter comparison.

Table 5: Petroleum Products Supply (MT) January- March 2019

Month	Residual Fuel oil*	Gas oil	Marine Gasoil	Unified	Kerosene	LPG**	Premium	Premix	Marine (Foreign)	Gasoil (Mines)	ATK	Gasoil (Rig)	Total
Jan-19	11,371	128,309	1,529	326	174	36,026	117,992	4,536	684	20,112	18,777	9,736	349,571
Feb-19	9,428	115,086	1,517	41	776	28,260	104,271	4,811	147	26,056	18,866	8,120	317,379
Mar-19	26,080	122,881	1,939	571	-	35,748	102,476	5,942	167	23,617	15,998	10,633	346,052
Total	46,879	366,276	4,985	938	950	100,034	324,738	15,289	999	69,784	53,640	28,490	1,013,003

Source: NPA database on petroleum products supply

*includes RFO to power plant **includes LPG to power plant

Table 6: comparison of 1st quarter 2018 and 1st quarter 2019 (MT)

Quarter	Residual Fuel oil	Gas oil	Marine Gasoil	Unified	Kerosene	LPG	Premium	Premix	Marine (Foreign)	Gasoil (Mines)	ATK	Gasoil (Rig)	Total
1st Quarter 2019	46,879	366,276	4,985	938	950	100,034	324,738	15,289	999	69,784	53,640	28,490	1,013,003
1st Quarter 2018	90,490	343,898	8,129	472	1,563	92,023	320,049	15,849	3,330	69,395	45,319	21,537	1,012,055
Difference	(43,610)	22,378	(3,144)	465	(613)	8,011	4,689	(561)	(2,331)	389	8,321	6,953	948
% change	-48%	7%	-39%	99%	-39%	9%	1%	-4%	-70%	1%	18%	32%	0.1%

5.0 Petroleum Products Stock Situation

At the end of the first quarter 2019, petrol was the petroleum product with the highest stock followed by diesel, ATK, Kerosene, LPG and Premix respectively. Table 7 below shows the stock situation as at the end of first quarter 2019.

Table 7: Stock Situation as at the end of 1st Quarter 2019

Month	Opening Balance 3/1/19		Closing Balance 31/3/19	
	Total Stock (litres)	Weeks-to-last	Total Stock (litres)	Weeks-to-last
Diesel	109,682,967	2.7	281,763,246	7.0
Petrol	92,490,787	3.1	239,741,674	8.0
LPG	8,002,563	1.1	6,100,834	0.9
Kerosene	1,078,081	7.2	245,639	1.6
ATK	6,693,037	1.6	24,203,376	5.8
Premix	1,542,533	0.8	1,280,792	0.7

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

6.0 Petroleum Service Providers (PSPs)

The breakdown of Petroleum Service Providers as at the end of the first quarter of 2019 is presented in table 8 below:

Table 8: Key Players in the Downstream Industry as @ end of 1st quarter 2019

Downstream Players	Number
Refinery Company	3
Bulk Distribution Companies (BDCs)	35
Transport Operators	750
Bulk Road Vehicles (BRVs)	3,674
Oil Marketing Companies (OMCs)	116
LPG Marketing Companies (LPGMCs)	42
Retail Outlets	3,867
Export Companies	27
Bunkering Companies	61
Calibration Companies	12

Source: NPA database on petroleum service providers

7.0 Performance of Bulk Distribution Companies and Oil Refineries for the first quarter 2019

The performance of BDCs/refineries for the first quarter 2019 indicates that **eight companies** had the highest market shares. Their combined market share was 74%. The remaining BDCs/refineries had a combined market share of 26%. Table 9 below shows the BDCs/refineries performance statistics for the first quarter 2019.

Table 9: BDCs Performance Statistics (MT)

No	Company	Total Products Distributed	Market Share
1	GoENERGY COMPANY LIMITED	155,399	15%
2	BLUE OCEAN INVESTMENTS LTD	145,789	14%
3	JUWEL ENERGY LIMITED	120,337	12%
4	CIRRUS OIL SERVICES LIMITED	98,043	10%
5	PET. WAREHSN & SUPPLY	81,365	8%
6	VIHAMA ENERGY LIMITED	59,040	6%
7	EBONY OIL & GAS LIMITED	49,588	5%
8	FUELTRADE LIMITED	44,830	4%
9	DOME ENERGY RESOURCES LIMITED	41,650	4%
10	CHASE PET. GHANA LIMITED	41,151	4%
11	MARANATHA OIL SERVICES	24,660	2%
12	ECO PETROLEUM LIMITED/SAGE	23,423	2%
13	EAGLE PETROLEUM COMPANY LIMITED	16,746	2%
14	ALFAPETRO GHANA	13,975	1%
15	OIL CHANNEL LIMITED	12,711	1%
16	GLOBEX ENERGY LIMITED	11,955	1%
17	FIRM ENERGY	11,028	1%
18	AKWAABA LINK	10,549	1%
19	MISYL ENERGY COMPANY LIMITED	9,578	1%
20	MED PETROLEUM COMPANY LIMITED	9,297	1%
21	STRATCON ENERGY TRADING LIMITED	7,622	1%
22	LHS GHANA LIMITED	5,785	1%
23	BATTOP ENERGY LIMITED	4,842	0%
24	RAMA ENERGY LIMITED	3,250	0%

25	DOMINION INT. PETROLEUM LIMITED	2,974	0%
26	TEMA OIL REFINERY (TOR)	2,827	0%
27	MOBILE ENERGY RESOURCES LTD.	1,298	0%
28	PLATON GAS OIL LIMITED	1,284	0%
29	HASK OIL CO. LIMITED	673	0%
30	WI ENERGY	377	0%
31	OIL TRADE COMPANY LIMITED	326	0%
32	MIMSHACH ENERGY LIMITED	214	0%
33	IMPERIAL ENERGY	180	0%
34	NATION SERVICES LTD.	-	0%
35	RHEMA ENERGY CO. LTD	-	0%
36	SA ENERGY LIMITED	-	0%
	TOTAL	1,012,764	100%
	***ADINKRA	238	

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

8.0 Oil Marketing Companies Performance Statistics

Table 10 presents the top twenty (20) Oil Marketing Companies (OMCs) performance statistics for the first quarter 2019. The combined market share of the 20 OMCs was 73%. The rest of the OMCs had a combined market share of 27%.

Table 10: Top 20 OMCs for first quarter, 2019

#	Name of Company	Total Product Supplied (MT)	Market Share
1	Ghana Oil Company Limited	160,587	16%
2	Vivo Energy Ghana Limited	125,365	13%
3	Total Petroleum Ghana Limited	94,213	10%
4	Tel Energy Limited	58,107	6%
5	Puma Energy Ghana Limited	54,754	6%
6	Zen Petroleum Limited	54,345	6%

7	Star Oil Company Limited	22,373	2%
8	Pacific Oil Ghana Limited	16,572	2%
9	Petroleum Solutions Limited	15,607	2%
10	Frimps Oil Company Limited	15,323	2%
11	Champion Oil Company Limited	15,188	2%
12	Allied Oil Company Limited	14,986	2%
13	Benab Oil Company Limited	10,923	1%
14	Dukes Petroleum Company Limited	10,718	1%
15	Top Oil Company Limited	10,680	1%
16	Radiance Petroleum Limited	9,552	1%
17	Goodness Energy Limited	9,265	1%
18	Cash Oil Company Limited	7,743	1%
19	Orient Energy Limited	7,719	1%
20	Union Oil Ghana Limited	7,386	1%

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

9.0 Petroleum Product Re-exports/Transit

A total of **27,625** metric tonnes of petroleum products was re-exported/transited to Burkina Faso and Mali in the first quarter of 2019. Gasoline was the highest product re-exported followed by gasoil and LPG respectively. Tables 11, 12 and 13 present the total petroleum products re-exported/transited to Burkina Faso and Mali.

Table 11: Total Petroleum Products Re-export/Transit for First Quarter 2019

Month	Gasoil	Gasoline	LPG	Total
Jan-19	5,418.15	-	-	5,418
Feb-19	4,536.39	9,654	369	14,559
Mar-19	422.50	6,560	665	7,647
Total	10,377	16,214	1,034	27,625

Table 12: Total Petroleum Products Re-export/Transit to Burkina Faso for First Quarter 2019

Month	Gasoil	Gasoline	LPG	Total
Jan-19	5,418	-	-	5,418
Feb-19	4,536	9,540	369	14,445
Mar-19	423	5,767	-	6,190
Total	10,377	15,307	369	26,053

Table 13: Total Petroleum Products Re-export/Transit to Mali for First Quarter 2019

Month	Gasoline
Jan-19	-
Feb-19	114
Mar-19	793
Total	907

Prepared by:

Research Department
(Pricing Planning and Research Division of NPA)
research@npa.gov.gh