

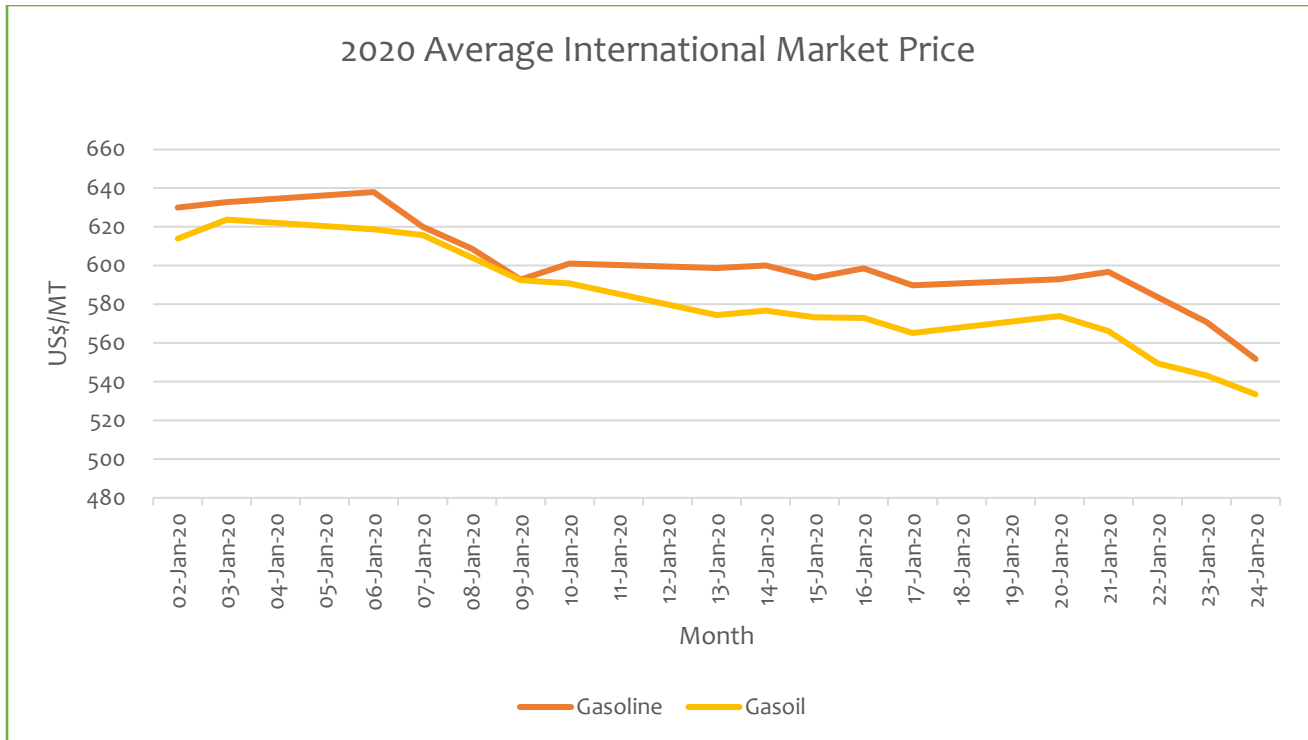


CBOD PETROLEUM PRICE OUTLOOK

1st to 15th February 2020

Refined Products Review and Outlook

The international market prices of gasoline and gasoil for the first pricing window of February (12th to 26th January) averaged \$587.68/mt and \$562.93/mt respectively from the previous average window price of \$623.13/mt and \$611.85/mt for gasoline and gasoil respectively. Average gasoline and gasoil prices for the current pricing window decreased by 6% and 8% relative to the previous pricing window. The fall in price can be attributed to the weakened demand from China as a result of the outbreak of the coronavirus. Average prices of gasoline experienced a year-on-year increase of about 17% while average gasoil prices fell by 1% year-on-year.



Fufex

The Fufex³⁰¹ which is a 30-day forward GHS/USD FX rate for the petroleum downstream industry is estimated at **GHS5.80/USD** for the first pricing window of February 2020 (12th to 26th January). The Fufex30 is estimated using the average quoted indicative forward forex rate from major oil financing banks adjusted by the covered-interest parity pricing model and the CBOD internal research outlook.

The Ex-refinery Price Indicator (Xpi)

The Ex-ref price indicator (Xpi) is computed using the referenced international market prices usually adopted by BDCs, factoring the CBOD economic breakeven benchmark premium for a given window and converted from USD/mt to Ghs/ltr using the *FuFex*.

$$XPI = \frac{(\text{International Market Price} + \text{CBOD Benchmark Premium}) \times \text{Fufex}}{\text{Conversion Factor}}$$

¹ The Fufex³⁰ is a 30-day Ghs/USD forward fx rate used as a benchmark rate for BDC ex-ref price estimations.

Ex-ref Price for 12th to 26th January 2020

PRICE COMPONENT	PMS	AGO
Average World Market Price (US\$/MT)	587.675	562.925
CBOD Benchmark Breakeven Premium (US\$/MT)	100	90
FuFex30 (GHS/USD)	5.80	5.80
Volume Conversion Factor (ltrs/mt)	1324.50	1183.43
Ex-ref Price (Ghs/ltr)	3.011	3.200
Price Tolerance	+1%/-1%	+1%/-1%

OMC Pricing Performance 16th to 31st January

The average ex-pump prices for gasoline and gasoil for the second selling window of January (16th to 31st of January) increased marginally by about 1% from Ghs5.395/ltr and Ghs5.392 in the first selling window of January to Ghs5.438 /ltr and Ghs5.465/ltr respectively in the second selling window of January 2020.

Average ex-pump prices of gasoline and gasoil for the second selling window of January witnessed a year-on-year increase of about 11% and 10% respectively.

Ex-pump prices for gasoline and gasoil are expected to decrease between 5% to 8% in the next selling window (1st to 15th February 2020) following the fall in the international market price of gasoline and gasoil and a slight appreciation (about 2%) of the Cedi against the US dollar.

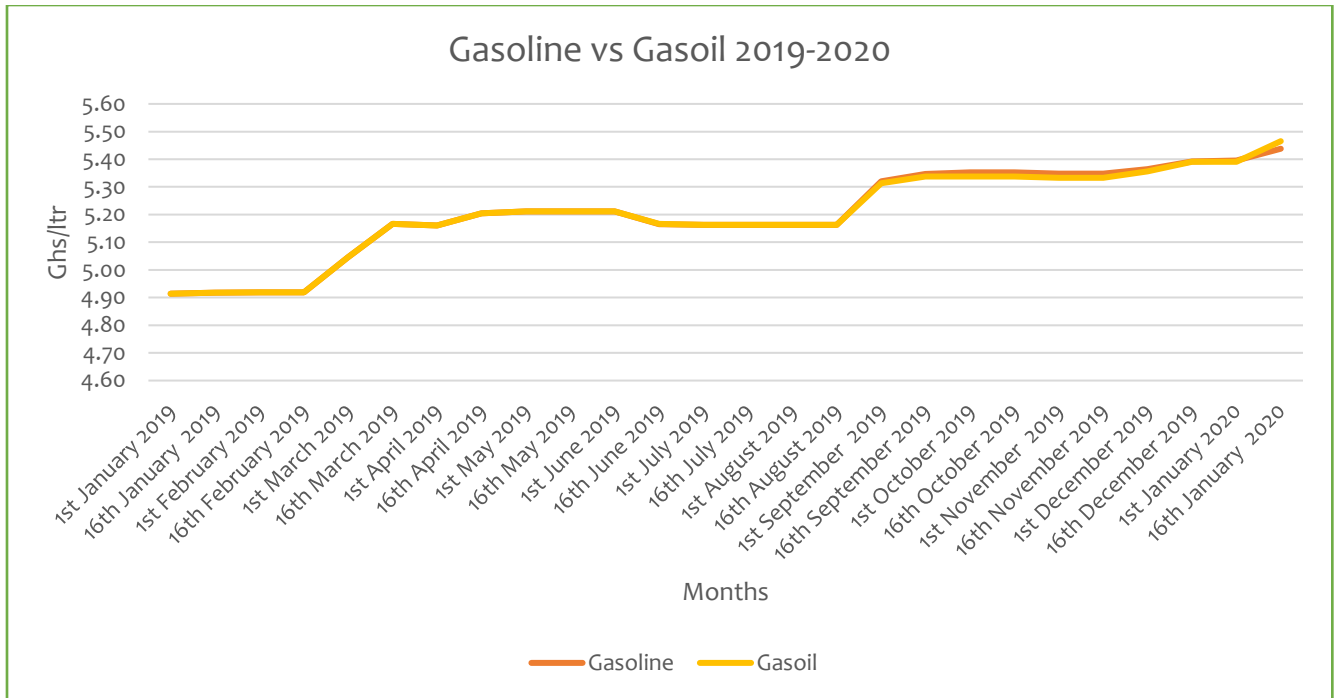
Taxes, Levies and Regulatory Margins

Taxes, levies and regulatory margins account for 33% of the ex-pump price and currently stands at Ghp178.5/ltr, following the removal of the Price Stabilisation and Recovery Levy of Ghp16/ltr within the month.

	Gasoline (GHp/Lt)	Gasoil (GHp/Lt)
ENERGY DEBT RECOVERY LEVY	49.00	49.00
ROAD FUND LEVY	48.00	48.00
ENERGY FUND LEVY	1.00	1.00
PRICE STABILISATION AND RECOVERY LEVY	0.00	0.00
PRIMARY DISTRIBUTION MARGIN	6.50	6.50
BOST MARGIN	3.00	3.00
FUEL MARKING MARGIN	3.00	3.00
SPECIAL PETROLEUM TAX	46.00	46.00
UPPF	22.00	22.00
Total	178.50	178.50

Taxes, levies and regulatory margins as at 16th January 2020.

Source : National Petroleum Authority



For the second selling window of January 2020, Vivo Energy Shell displayed the highest price at its pump selling gasoline and gasoil at an average price of Ghs5.50/ltr and Ghs 5.550/ltr for gasoline and gasoil respectively. Radiance Petroleum displayed the least price, selling gasoline and gasoil at an average of Ghs5.390/ltr and Ghs 5.430/ltr respectively.

Average Ex-Pump prices for 16th to 31st January (Ghs/ltr)

	Gasoline	Gasoil
Vivo Energy	5.500	5.550
Puma Energy	5.470	5.480
Goil	5.450	5.480
Total	5.450	5.487
Allied Oil	5.450	5.480
Star Oil	5.430	5.450

Glory Oil	5.423	5.433
Frimps Oil	5.413	5.450
Petrosol	5.403	5.413
Radiance	5.390	5.430

NB: Table is arranged in descending order, from the highest priced OMC to the lowest priced OMC.

