# OIL AND GAS REGULATORY AUTHORITY

## *Ex - Refinery Sale Price Calculation*

### *For the period effective July 16, 2007 to July 31, 2007*

**Arab Gulf FOB Mean Prices**

| SR.NO | PRICES EFFECTIVE | NAPHTHA $/MT LOW | NAPHTHA $/MT HIGH | NAPHTHA $/MT AVG | HSFO 180 CST $/MT LOW | HSFO 180 CST $/MT HIGH | HSFO 180 CST $/MT AVG | KEROSENE $/BBL LOW | KEROSENE $/BBL HIGH | KEROSENE $/BBL AVG | GAS OIL $/BBL LOW | GAS OIL $/BBL HIGH | GAS OIL $/BBL AVG | STATE BANK OF PAKISTAN * Weighted Average Exchange Rate Minimum | Maximum | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Friday, June 29, 2007 | 659.99000 | 663.74000 | **661.86500** | 352.06000 | 352.10000 | **352.08000** | 82.52000 | 82.56000 | **82.54000** | 79.17000 | 79.21000 | **79.19000** | 60.43760 | 60.60710 | **60.52235** |
| 2 | Monday, July 02, 2007 | 667.86000 | 671.86000 | **669.86000** | 354.29000 | 354.33000 | **354.31000** | 82.81000 | 82.85000 | **82.83000** | 79.43000 | 79.47000 | **79.45000** | 60.32170 | 60.49030 | **60.40600** |
| 3 | Tuesday, July 03, 2007 | 672.74000 | 676.24000 | **674.49000** | 357.45000 | 357.49000 | **357.47000** | 83.16000 | 83.20000 | **83.18000** | 80.37000 | 80.41000 | **80.39000** | 60.32200 | 60.49270 | **60.40735** |
| 4 | Wednesday, July 04, 2007 | 662.68000 | 665.68000 | **664.18000** | 358.20000 | 358.24000 | **358.22000** | 82.99000 | 83.03000 | **83.01000** | 80.75000 | 80.79000 | **80.77000** | 60.29350 | 60.46420 | **60.37885** |
| 5 | Thursday, July 05, 2007 | 666.68000 | 669.18000 | **667.93000** | 359.90000 | 359.94000 | **359.92000** | 82.95000 | 82.99000 | **82.97000** | 81.55000 | 81.59000 | **81.57000** | 60.31340 | 60.48500 | **60.39920** |
| 6 | Friday, July 06, 2007 | 669.27000 | 671.27000 | **670.27000** | 365.09000 | 365.13000 | **365.11000** | 83.25000 | 83.29000 | **83.27000** | 82.57000 | 82.61000 | **82.59000** | 60.31040 | 60.48110 | **60.39575** |
| 7 | Monday, July 09, 2007 | 668.74000 | 670.49000 | **669.61500** | 367.47000 | 367.51000 | **367.49000** | 83.28000 | 83.32000 | **83.30000** | 83.18000 | 83.22000 | **83.20000** | 60.30710 | 60.47570 | **60.39140** |
| 8 | Tuesday, July 10, 2007 | 674.21000 | 676.21000 | **675.21000** | 366.87000 | 366.91000 | **366.89000** | 84.16000 | 84.20000 | **84.18000** | 83.42000 | 83.46000 | **83.44000** | 60.31120 | 60.48070 | **60.39595** |
| 9 | Wednesday, July 11, 2007 | 677.65000 | 679.15000 | **678.40000** | 366.59000 | 366.63000 | **366.61000** | 85.23000 | 85.27000 | **85.25000** | 84.13000 | 84.17000 | **84.15000** | 60.31830 | 60.48690 | **60.40260** |
| 10 | Thursday, July 12, 2007 | 674.65000 | 676.15000 | **675.40000** | 365.40000 | 365.44000 | **365.42000** | 84.67000 | 84.71000 | **84.69000** | 83.92000 | 83.96000 | **83.94000** | 60.31410 | 60.48260 | **60.39835** |
| 11 | Friday, July 13, 2007 | 669.53000 | 671.03000 | **670.28000** | 367.39000 | 367.43000 | **367.41000** | 85.14000 | 85.18000 | **85.16000** | 84.35000 | 84.39000 | **84.37000** | 60.29780 | 60.46930 | **60.38355** |
| | | | | **670.68182** | | | **361.90273** | | | **83.67091** | | | **82.09636** | | | **60.40740** |

**IMPORT PARITY PRICES:**

| PRODUCTS | FOB PRICE | PREMIUM | C & F | C & F | MARINE INS 0.108% 0.09% | L/C COMM. 0.15% | BANK CH. 0.10% | OCEAN LOSSES/ HANDLING CHGS 0.65% | Tariff 10%, 5% | WHARFAGE | TOTAL COST | CONV.FACT | TOTAL PRICE | PDC | IMPORT PARITY PRICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $/MTON | $/MTON | $/MTON | RS/MTON | RS/MTON | RS/MTON | RS/MTON | RS/MTON | RS/MTON | RS/MTON | RS/MTON | LITERS/MT | RS/LITERS | RS/LITERS | RS/LITERS |
| **NAPHTHA** | 670.68182 | | 670.68182 | 40,514.14497 | | | | | - | | | 1,415.10 | | | |
| **MOGAS** | 730.68182 | 29.20751 | 759.88933 | 45,902.93871 | 49.57517 | 68.85441 | 45.90294 | 298.36910 | - | 135.90 | 46,501.54033 | 1,359.00 | 34.22 | | **34.22** |
| **HOBC** | 737.57837 | 28.75188 | 766.33025 | 46,292.01794 | 49.99538 | 69.43803 | 46.29202 | 300.89812 | - | 133.78 | 46,892.42149 | 1,337.80 | 35.05 | | **35.05** |
| **KERO** | 667.54002 | 27.26034 | 694.80036 | 41,971.08327 | 45.32877 | 62.95662 | 41.97108 | 272.81204 | - | 38.05 | 42,432.20178 | 1,268.40 | 33.45 | (5.33) | **28.12** |
| **JP-1** | 679.77682 | 27.62140 | 707.39822 | 42,732.08723 | 46.15065 | 64.09813 | 42.73209 | 277.75857 | - | 38.56 | 43,201.38667 | 1,285.20 | 33.61 | | **33.61** |
| **JP-4** | 669.11092 | 28.37147 | 697.48239 | 42,133.09773 | 45.50375 | 63.19965 | 42.13310 | 273.86514 | 2,148.99869 | 39.60 | 44,746.39806 | 1,320.10 | 33.90 | | **33.90** |
| **JP-8** | 667.54002 | 27.26034 | 694.80036 | 41,971.08327 | 45.32877 | 62.95662 | 41.97108 | 272.81204 | 2,140.73496 | 38.05 | 44,572.93674 | 1,268.40 | 35.14 | | **35.14** |
| **HSD** | 617.02398 | 25.68068 | 642.70466 | 38,824.11748 | 41.93005 | 58.23618 | 38.82412 | 252.35676 | 3,960.44808 | 35.85 | 43,211.76267 | 1,194.90 | 36.16 | | **36.16** |
| **LDO** | 565.99973 | 15.14911 | 581.14884 | 35,105.69044 | 31.59512 | 52.65854 | 35.10569 | 228.18699 | - | 34.52 | 35,487.75678 | 1,150.80 | 30.84 | (5.58) | **25.26** |

**PREMIUM (Including freight)**

**WHITE PRODUCTS : $/BBL** **3.41687** (1 BBL = 158.984 LITERS)

**BLACK PRODUCTS : $/MTON** **15.14911** (FUEL OIL) - 180 CST

**Notes**

* Weighted Average Exchange rate during last 15 days period, as provided by State Bank of Pakistan has been adopted.

# OIL AND GAS REGULATORY AUTHORITY

## Ex - Depot Sale Price Calculation

*For the period effective July 16, 2007 to July 31, 2007*

| | MOTOR GASOLINE | | | H . O . B . C . | | | KEROSENE | | L . D . O . | | J.P. - 4 | J . P . - 8 | J . P . - 1 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Retail | Rail / Def | Direct | Retail | Rail / Def | Direct | Direct | Rail / Def | Direct | Rail / Def | Defense | Defense | Domestic | Foreign | Technical |
| Ex-refinery | 34.22 | 34.22 | 34.22 | 35.05 | 35.05 | 35.05 | 28.12 | 28.12 | 25.26 | 25.26 | 33.90 | 35.14 | 33.61 | 33.61 | 33.61 |
| Pet. Development levy | 7.85 | 9.59 | 9.59 | 15.04 | 17.14 | 17.14 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 |
| | 42.07 | 43.81 | 43.81 | 50.09 | 52.19 | 52.19 | 28.12 | 28.12 | 25.26 | 25.26 | 36.90 | 38.14 | 33.61 | 33.61 | 33.61 |
| IFEM* | 1.37 | | 1.37 | 2.39 | | 2.39 | 1.47 | | 2.10 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 43.44 | 43.81 | 45.18 | 52.48 | 52.19 | 54.58 | 29.59 | 28.12 | 27.36 | 25.26 | 36.90 | 38.14 | 33.61 | 33.61 | 33.61 |
| Dist. margin | 1.52 | | 1.52 | 1.84 | | 1.84 | 1.04 | | 0.96 | | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 |
| Dealers margin | 1.74 | | - | 2.10 | | - | 0.00 | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Price before Sales tax | 46.70 | 43.81 | 46.70 | 56.42 | 52.19 | 56.42 | 30.63 | 28.12 | 28.32 | 25.26 | 36.90 | 38.14 | 33.63 | 33.63 | 33.63 |
| Sales tax | 7.00 | 6.57 | 7.00 | 8.46 | 7.83 | 8.46 | 4.60 | 4.22 | 4.25 | 3.79 | 5.54 | 5.72 | 5.04 | 0.00 | 0.00 |
| Max. ex-depot sale price | **53.70** | **50.38** | **53.70** | **64.88** | **60.02** | **64.88** | **35.23** | **32.34** | **32.57** | **29.05** | **42.44** | **43.86** | **38.67** | **33.63** | **33.63** |
| **Max. ex-depot sale price** | **53.70** | | **53.70** | **64.88** | | **64.88** | **35.23** | | **32.57** | | **42.44** | **43.86** | **38.67** | **33.63** | **33.63** |

**Price build up for JP-1**

**Domestic**

IPP price **33.61**

| **Foreign** | | $ / gallon | Per bbl | Per ton | Per liter |
|---|---|---|---|---|---|
| Ex Refinery | | 2.10593 | | | |
| Ex Refinery | | 2.10593 | | | |
| Distributor margin | | 0.12000 | | | |
| Into plane price | in US $ | 2.22593 | **93.489** | 755.749 | 0.588 |
| | US cents | 222.59 | | | |
| Into plane price | in Pak Rs. | 134.46 | 5,647.43 | 45,652.83 | **35.52** |

| **Technical landing** | | $ / gallon | Per bbl | Per ton | Per liter |
|---|---|---|---|---|---|
| Ex Refinery | | 2.10593 | | | |
| Ex Refinery | | 2.10593 | | | |
| Distributor margin | | 0.10000 | | | |
| Into plane price | in US $ | 2.20593 | **92.649** | 748.959 | 0.583 |
| | US cents | 220.59 | | | |
| Into plane price | in Pak Rs. | 133.255 | 5,596.69 | 45,242.67 | **35.20** |

**Exchange rate** 60.40740

* IFEM as recommended by OCAC has been tentatively accepted subject to adjustment on the basis of actual monthly freight computation.