

**AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COSTS AND FOREIGN-EXCHANGE RELATED COSTS BY
THE NATIONAL POWER CORPORATION (NPC)***

Billing Period Covered: 26 March 2011 - 25 April 2011

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 2,896,053,553.32 - 2,325,976,544.31 + 0.00
 = 570,077,009.02

AFC^{/1} = FCB $\left(\frac{0.1751 \text{ Bn}}{\text{Bo}} + \frac{0.0231 \text{ Dn}}{\text{Do}} + \frac{0.1305 \text{ Cn}}{\text{Co}} + \frac{0.2954 \text{ Sn}}{\text{So}} + \frac{0.3759 \text{ NGn}}{\text{NGo}} \right)$
 = 2,896,053,553.32

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 3,473,200,776.29 - 3,153,371,686.48 + 0.00
 = 319,829,089.81

APPC = PPCB $\left\{ \left[0.40 + \left(\frac{0.3 \text{ USCPI}_{\text{In}}}{\text{USCPI}_{\text{O}}} \right) \right] \frac{\text{FX}_{\text{n}}}{\text{FX}_{\text{o}}} + \frac{0.3 \text{ CPI}_{\text{In}}}{\text{CPI}_{\text{O}}} \right\}$
 = $\left\{ \left[0.40 + \left(\frac{0.3 \times 223.467}{210.036} \right) \right] \frac{43.2762}{41.7429} + \frac{0.3 \times 172.10}{145.1} \right\}$
 = 3,473,200,776.29

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 570,077,009.02 + 319,829,089.81
 = 889,906,098.83

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{889,906,098.83}{153,384,487.00}$
 = 5.8018

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 March 2011 - 25 April 2011

Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM

Current Month FPPCA(pesos)	889,906,098.83
Less: Previous Month FPPCA (pesos)	792,418,062.50
Net	<u>97,488,036.33</u>
Divide by Previous Month AFC + APPC (pesos)	6,271,766,293.28
Percent Change	<u>1.554%</u>
Previous Month FPPCA Rate	0.4275
Increase/Decrease	<u>0.0066</u>
Current Month FPPCA Rate	<u>0.4341</u>

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 642,099,314.37 - 486,642,765.00 + 0.00
 = 155,456,549.37

$AFC^{/1}$ = FCB $\left(\begin{array}{l} \frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn}{So} + \frac{0.00 NGn}{NGo} \end{array} \right)$
 = 642,099,314.37

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 789,352,475.51 - 716,665,090.00 + 0.00
 = 72,687,385.51

APPC = PPCB $\left\{ \left[0.40 + \left(\frac{3 USCPI_n}{USCPI_o} \right) \right] \left[\frac{FX_n}{FX_o} + \frac{.3 CPI_n}{CPI_o} \right] \right\}$
 = 716,665,090.00 $\left\{ \left[0.40 + \left(\frac{0.3 \times 223.467}{210.036} \right) \right] \left[\frac{43.2762}{41.7429} + \frac{0.3 \times 172.10}{145.1} \right] \right\}$
 = 789,352,475.51

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = FCA_{pesos} + $PPCA_{\text{pesos}}$
 = 155,456,549.37 + 72,687,385.51
 = 228,143,934.88

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{228,143,934.88}{205,914,860.00}$
 = 1.1080

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 March 2011 - 25 April 2011	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	228,143,934.88
Less: Previous Month FPPCA (pesos)	230,597,167.31
Net	<u>(2,453,232.43)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,433,905,022.31</u>
Percent Change	-0.171%
Previous Month FPPCA Rate	0.2385
Increase/Decrease	<u>(0.0004)</u>
Current Month FPPCA Rate	0.2381

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 669,647,367.27 - 472,498,595.00 + 0.00
 = 197,148,772.27

$AFC^{/1}$ = FCB $\left(\frac{0.9967 Bn}{Bo} + \frac{0.0033 Dn}{Do} + \frac{0.00 Cn}{Co} + \frac{0.00 Sn}{So} + \frac{0.00 NGn}{NGo} \right)$
 = 669,647,367.27

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 606,664,791.92 - 550,800,170.00 + 0.00
 = 55,864,621.92

APPC = PPCB $\left\{ \left[0.40 + \frac{3 USCPI_n}{USCPI_o} \right] \frac{FX_n}{FX_o} + \frac{.3 CPI_n}{CPI_o} \right\}$
 = 550,800,170.00 $\left\{ \left[0.40 + \left(\frac{0.3 \times 223.467}{210.036} \right) \right] \frac{43.2762}{41.7429} + \frac{0.3 \times 172.10}{145.1} \right\}$
 = 606,664,791.92

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = FCA_{pesos} + $PPCA_{\text{pesos}}$
 = 197,148,772.27 + 55,864,621.92
 = 253,013,394.19

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{253,013,394.19}{579,896,141.00}$
 = 0.4363

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 March 2011 - 25 April 2011	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	253,013,394.19
Less: Previous Month FPPCA (pesos)	217,939,934.65
Net	35,073,459.53
Divide by Previous Month AFC + APPC (pesos)	1,241,238,699.65
Percent Change	2.826%
Previous Month FPPCA Rate	0.0762
Increase/Decrease	0.0022
Current Month FPPCA Rate	0.0784

NOTES:

*Calculation is based on ERC Resolution Nos. 19 and 25 (amended Resolution 19) dated 3 August 2009 and 14 December 2009, respectively, adopting the "Rules for the Automatic Recovery of Monthly Fuel and Purchased Power Costs and Foreign- Exchange Related Costs by the National Power Corporation.

/1 Refer to the posted graph for MOPS fuel prices

AFC = Adjusted Fuel Costs in pesos

FCB = Fuel Costs Base is equal to (1.6811 PhP/kWh x 16,603,247,000/12 kWh) for Luzon, (1.2789 PhP/kWh x 4,566,200,000/12 kWh) for Visayas and (0.8961 PhP/kWh x 6,327,400,000/12 kWh for Mindanao)

OFCA = Other Fuel Costs Adjustment in Pesos

APPC = Adjusted Purchased Power Costs in pesos

PPCB = Power Purchase Costs Base is equal to (2.2791 PhP/kWh x 16,603,247,000/12 kWh) for Luzon, (1.8834 PhP/kWh x 4,566,200,000/12 kWh) for Visayas and (1.0446 PhP/kWh x 6,327,400,000/12 kWh for Mindanao)

OPPCA = Other Purchased Power Costs Adjustment in pesos

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