

**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 2012 - 25 April 2012
AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT**

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 2,880,814,100.72 - 2,325,976,544.31 + 0.00
 = 554,837,556.41

$AFC^{/1}$ = FCB $\left(\frac{0.1751 Bn}{Bo} + \frac{0.0231 Dn}{Do} + \frac{0.1305 Cn}{Co} + \frac{0.2954 Sn}{So} + \frac{0.3759 NGn}{NGo} \right)$
 = 2,880,814,100.72

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 3,487,793,103.61 - 3,153,371,686.48 + 0.00
 = 334,421,417.14

APPC = PPCB $\left\{ \left[0.40 + \left(\frac{0.3 USCPI_n}{USCPI_o} \right) \right] \frac{FX_n}{FX_o} + \frac{0.3 CPI_n}{CPI_o} \right\}$
 = 3,153,371,686.48 $\left\{ \left[0.40 + \left(\frac{0.3 \times \frac{229.392}{210.036}}{41.7429} \right) \right] + \frac{0.3 \times \frac{175.30}{145.1}}{41.7429} \right\}$
 = 3,487,793,103.61

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 554,837,556.41 + 334,421,417.14
 = 889,258,973.55

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{889,258,973.55}{70,828,770.00}$
 = 12.5551

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 March 2012 - 25 April 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	889,258,973.55
Less: Previous Month FPPCA (pesos)	939,105,152.41
Net	<u>(49,846,178.87)</u>
Divide by Previous Month AFC + APPC (pesos)	6,418,453,383.20
Percent Change	-0.777%
Previous Month FPPCA Rate	0.4374
Increase/Decrease	(0.0034)
Current Month FPPCA Rate	<u>0.4340</u>

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 599,963,355.11 - 486,642,765.00 + 0.00
 = 113,320,590.11

$AFC^{/1}$ = FCB $\left(\begin{array}{c} \frac{0.2041 \text{ Bn}}{\text{Bo}} + \frac{0.0998 \text{ Dn}}{\text{Do}} + \frac{0.5782 \text{ Cn}}{\text{Co}} + \frac{0.1179 \text{ Sn}}{\text{So}} + \frac{0.00 \text{ NGn}}{\text{NGo}} \end{array} \right)$
 = 599,963,355.11

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 792,668,865.91 - 716,665,090.00 + 0.00
 = 76,003,775.91

APPC = PPCB $\left\{ \left[\begin{array}{c} 0.40 + \left(\frac{3 \text{ USCPI}_{\text{In}}}{\text{USCPI}_{\text{O}}} \right) \right] \left[\begin{array}{c} \frac{\text{FX}_{\text{n}}}{\text{FX}_{\text{o}}} + \frac{.3 \text{ CPI}_{\text{In}}}{\text{CPI}_{\text{O}}} \end{array} \right] \right\}$
 = 716,665,090.00 $\left\{ \left[\begin{array}{c} 0.40 + \left(\frac{0.3 \times 229.392}{210.036} \right) \right] \left[\begin{array}{c} 42.6588 \\ 41.7429 \end{array} \right] + 0.3 \times \frac{175.30}{145.1} \right\}$
 = 792,668,865.91

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 113,320,590.11 + 76,003,775.91
 = 189,324,366.02

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{189,324,366.02}{173,352,108.00}$
 = 1.0921

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 March 2012 - 25 April 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	189,324,366.02
Less: Previous Month FPPCA (pesos)	206,264,922.44
Net	<u>(16,940,556.42)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,409,572,777.44</u>
Percent Change	-1.202%
Previous Month FPPCA Rate	0.2344
Increase/Decrease	<u>(0.0028)</u>
Current Month FPPCA Rate	<u>0.2316</u>

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 726,402,225.13 - 472,498,595.00 + 0.00
 = 253,903,630.13

$AFC^{/1}$ = FCB $\left(\begin{array}{c} \underline{0.9967 \text{ Bn}} \\ \text{Bo} \end{array} \right) + \left(\begin{array}{c} \underline{0.0033 \text{ Dn}} \\ \text{Do} \end{array} \right) + \left(\begin{array}{c} \underline{0.00 \text{ Cn}} \\ \text{Co} \end{array} \right) + \left(\begin{array}{c} \underline{0.00 \text{ Sn}} \\ \text{So} \end{array} \right) + \left(\begin{array}{c} \underline{0.00 \text{ NGn}} \\ \text{NGo} \end{array} \right)$
 = 726,402,225.13

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 609,213,637.15 - 550,800,170.00 + 0.00
 = 58,413,467.15

APPC = PPCB $\left\{ \left(\begin{array}{c} 0.40 \\ \left(\begin{array}{c} \underline{3 \text{ USCPIIn}} \\ \text{USCPIo} \end{array} \right) \end{array} \right) + \left(\begin{array}{c} \text{FXn} \\ \text{Fxo} \end{array} \right) + \left(\begin{array}{c} \underline{.3 \text{ CPIIn}} \\ \text{CPIo} \end{array} \right) \right\}$
 = 550,800,170.00 $\left\{ \left(\begin{array}{c} 0.40 \\ \left(\begin{array}{c} \underline{0.3 \times 229.392} \\ 210.036 \end{array} \right) \end{array} \right) + \left(\begin{array}{c} \underline{42.6588} \\ 41.7429 \end{array} \right) + \left(\begin{array}{c} \underline{0.3 \times 175.30} \\ 145.1 \end{array} \right) \right\}$
 = 609,213,637.15

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = FCA_{pesos} + $PPCA_{\text{pesos}}$
 = 253,903,630.13 + 58,413,467.15
 = 312,317,097.28

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{312,317,097.28}{607,660,731.00}$
 = 0.5140

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 March 2012 - 25 April 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	312,317,097.28
Less: Previous Month FPPCA (pesos)	326,166,903.19
Net	<u>(13,849,805.92)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,349,465,668.19</u>
Percent Change	-1.026%
Previous Month FPPCA Rate	0.0830
Increase/Decrease	<u>(0.0009)</u>
Current Month FPPCA Rate	<u>0.0822</u>

NOTES:

*Calculation is based on ERC Resolution Nos. 19 and 25 (amended Resolution19) 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

*The above calculation does not incorporate the OFCA and OPPCA as we are waiting for the decision in PSALM's response to ERC Case No. 2010-055MC

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