

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

Billing Period Covered: 26 January 2013 - 25 February 2013

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 2,750,583,852.40 - 2,325,976,544.31 + 0.00
 = 424,607,308.10

AFC¹ = FCB $\left(\frac{0.1751 \text{ Bn}}{\text{Bo}} + \frac{0.0231 \text{ Dn}}{\text{Do}} + \frac{0.1305 \text{ Cn}}{\text{Co}} + \frac{0.2954 \text{ Sn}}{\text{So}} + \frac{0.3759 \text{ NGn}}{\text{NGo}} \right)$
 = 2,750,583,852.40

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 3,428,424,909.47 - 3,153,371,686.48 + 0.00
 = 275,053,222.99

APPC = PPCB $\left\{ \left\{ 0.40 + \left(\frac{0.3 \text{ USCPIn}}{\text{USCPlo}} \right) \right\} \frac{\text{FXn}}{\text{Fxo}} + \frac{0.3 \text{ CPIIn}}{\text{CPIlo}} \right\}$
 = 3,153,371,686.48 $\left\{ \left\{ 0.40 + \left(\frac{0.3 \times \frac{230.28}{210.036}}{41.7429} \right) \right\} \frac{40.6644}{105.0} + \frac{0.3 \times \frac{132.00}{105.0}}{105.0} \right\}$
 = 3,428,424,909.47

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 424,607,308.10 + 275,053,222.99
 = 699,660,531.09

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{699,660,531.09}{62,957,812.00}$
 = 11.1132

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 January 2013 - 25 February 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	699,660,531.09
Less: Previous Month FPPCA (pesos)	<u>610,436,098.50</u>
Net	89,224,432.59
Divide by Previous Month AFC + APPC (pesos)	<u>6,089,784,329.29</u>
Percent Change	1.465%
Previous Month FPPCA Rate	0.4150
Increase/Decrease	<u>0.0061</u>
Current Month FPPCA Rate	0.4211

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 550,729,437.20 - 486,642,765.00 + 0.00
 = 64,086,672.20
 $AFC^{/1}$ = FCB $\left(\frac{0.2041 B_n}{Bo} + \frac{0.0998 D_n}{Do} + \frac{0.5782 C_n}{Co} + \frac{0.1179 S_n}{So} + \frac{0.00 N_{Gn}}{NGo} \right)$
 = 550,729,437.20

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 779,176,288.30 - 716,665,090.00 + 0.00
 = 62,511,198.30
 APPC = PPCB $\left\{ \left[0.40 + \left(\frac{3 USCPIn}{USCPlo} \right) \right] \left[\frac{FXn}{Fxo} + \frac{0.3 CPIIn}{CPIo} \right] \right\}$
 = 716,665,090.00 $\left\{ \left[0.40 + \left(\frac{0.3 \times 230.28}{210.036} \right) \right] \left[\frac{40.6644}{41.7429} + \frac{0.3 \times 132.00}{105.0} \right] \right\}$
 = 779,176,288.30

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 64,086,672.20 + 62,511,198.30
 = 126,597,870.51

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{126,597,870.51}{201,327,173.00}$
 = 0.6288

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 January 2013 - 25 February 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	126,597,870.51
Less: Previous Month FPPCA (pesos)	109,107,054.96
Net	17,490,815.55
Divide by Previous Month AFC + APPC (pesos)	1,312,414,909.96
Percent Change	1.333%
Previous Month FPPCA Rate	0.2183
Increase/Decrease	0.0029
Current Month FPPCA Rate	0.2212

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 643,557,764.80 - 472,498,595.00 + 0.00
 = 171,059,169.80
 $AFC^{/1}$ = FCB $\left\{ \begin{array}{l} 0.9967 \text{ Bn} \\ \text{Bo} \end{array} \right\} + \left\{ \begin{array}{l} 0.0033 \text{ Dn} \\ \text{Do} \end{array} \right\} + \left\{ \begin{array}{l} 0.00 \text{ Cn} \\ \text{Co} \end{array} \right\} + \left\{ \begin{array}{l} 0.00 \text{ Sn} \\ \text{So} \end{array} \right\} + \left\{ \begin{array}{l} 0.00 \text{ NGn} \\ \text{NGo} \end{array} \right\}$
 = 643,557,764.80

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 598,843,780.79 - 550,800,170.00 + 0.00
 = 48,043,610.79
 $APPC$ = $PPCB \left\{ \begin{array}{l} 0.40 \\ \left\{ \begin{array}{l} 3 \text{ USCPIIn} \\ \text{USCPIo} \end{array} \right\} \end{array} \right\} + \left\{ \begin{array}{l} FXn \\ \text{Fxo} \end{array} \right\} + \left\{ \begin{array}{l} 0.3 \text{ CPIIn} \\ \text{CPIo} \end{array} \right\}$
 = $550,800,170.00 \left\{ \begin{array}{l} 0.40 \\ \left\{ \begin{array}{l} 0.3 \times \\ 210.036 \end{array} \right\} \left\{ \begin{array}{l} 230.28 \\ 41.7429 \end{array} \right\} \right\} + \left\{ \begin{array}{l} 40.6644 \\ 41.7429 \end{array} \right\} + 0.3 \times \left\{ \begin{array}{l} 132.00 \\ 105.0 \end{array} \right\}$
 = 598,843,780.79

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 171,059,169.80 + 48,043,610.79
 = 219,102,780.59

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{219,102,780.59}{616,379,055.00}$
 = 0.3555

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 January 2013 - 25 February 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	219,102,780.59
Less: Previous Month FPPCA (pesos)	195,792,900.08
Net	23,309,880.51
Divide by Previous Month AFC + APPC (pesos)	1,219,091,665.08
Percent Change	1.912%
Previous Month FPPCA Rate	0.0751
Increase/Decrease	0.0014
Current Month FPPCA Rate	0.0765

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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