

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

Billing Period Covered: 26 December 2012 - 25 January 2013

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 2,672,295,122.94 - 2,325,976,544.31 + 0.00
 = 346,318,578.63

$AFC^{/1}$ = FCB $\left(\frac{0.1751 Bn}{Bo} + \frac{0.0231 Dn}{Do} + \frac{0.1305 Cn}{Co} + \frac{0.2954 Sn}{So} + \frac{0.3759 NGn}{NGo} \right)$
 = 2,672,295,122.94

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 3,417,489,206.35 - 3,153,371,686.48 + 0.00
 = 264,117,519.87

APPC = PPCB $\left\{ \left\{ 0.40 + \left[\frac{0.3 USCPIn}{USCPlo} \right] \right\} \frac{FXn}{Fxo} + \frac{0.3 CPIn}{CPlo} \right\}$
 = 3,153,371,686.48 $\left\{ \left\{ 0.40 + \left[\frac{0.3 \times \frac{229.601}{210.036}}{41.7429} \right] \right\} \frac{40.6344}{41.7429} + \frac{0.3 \times \frac{131.30}{105.0}}{41.7429} \right\}$
 = 3,417,489,206.35

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 346,318,578.63 + 264,117,519.87
 = 610,436,098.50

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{610,436,098.50}{136,081,296.00}$
 = 4.4858

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 December 2012 - 25 January 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	610,436,098.50
Less: Previous Month FPPCA (pesos)	617,122,211.38
Net	<u>(6,686,112.88)</u>
Divide by Previous Month AFC + APPC (pesos)	6,096,470,442.16
Percent Change	-0.110%
Previous Month FPPCA Rate	0.4155
Increase/Decrease	<u>(0.0005)</u>
Current Month FPPCA Rate	0.4150

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment

= AFC - FCB + OFCA

= 535,723,973.03 - 486,642,765.00 + 0.00

= 49,081,208.03

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

= 535,723,973.03

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment

= APPC - PPCB + OPPCA

= 776,690,936.92 - 716,665,090.00 + 0.00

= 60,025,846.92

APPC = PPCB $\left\{ \left[\begin{array}{l} 0.40 + \left(\frac{3 USCPI_n}{USCPI_o} \right) \right] \left[\begin{array}{l} FX_n + \frac{0.3 CPI_n}{CPI_o} \\ Fxo \end{array} \right] \right\}$

= 716,665,090.00 $\left\{ \left[\begin{array}{l} 0.40 + \left(\frac{0.3 \times 229.601}{210.036} \right) \right] \left[\begin{array}{l} 40.6344 \\ 41.7429 \end{array} \right] + \frac{0.3 \times 131.30}{105.0} \right\}$

= 776,690,936.92

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment

$FCA_{\text{pesos}} + PPCA_{\text{pesos}}$

= 49,081,208.03 + 60,025,846.92

= 109,107,054.96

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$

= $\frac{109,107,054.96}{190,080,609.00}$

= 0.5740

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 December 2012 - 25 January 2013

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

Current Month FPPCA(pesos)	109,107,054.96
Less: Previous Month FPPCA (pesos)	110,536,682.60
Net	<u>(1,429,627.64)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,313,844,537.60</u>
Percent Change	-0.109%
Previous Month FPPCA Rate	0.2185
Increase/Decrease	<u>(0.0002)</u>
Current Month FPPCA Rate	0.2183

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment

= AFC - FCB + OFCA

= 622,158,026.11 - 472,498,595.00 + 0.00

= 149,659,431.11

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

= 622,158,026.11

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment

= APPC - PPCB + OPPCA

= 596,933,638.97 - 550,800,170.00 + 0.00

= 46,133,468.97

APPC = PPCB $\left\{ \begin{array}{l} 0.40 \\ \left(\begin{array}{l} \underline{3 \text{ USCPIIn}} \\ \text{USCPIo} \end{array} \right) \end{array} \right\} + \left\{ \begin{array}{l} \frac{\text{FXn}}{\text{Fxo}} + \frac{0.3 \text{ CPIIn}}{\text{CPIo}} \\ \left(\begin{array}{l} \underline{0.3 \times 229.601} \\ 210.036 \end{array} \right) \end{array} \right\} + \left\{ \begin{array}{l} \underline{40.6344} \\ 41.7429 \end{array} \right\} + \left\{ \begin{array}{l} \underline{0.3 \times 131.30} \\ 105.0 \end{array} \right\}$

= 596,933,638.97

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment

= FCA_{pesos} + $PPCA_{\text{pesos}}$

= 149,659,431.11 + 46,133,468.97

= 195,792,900.08

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$

= $\frac{195,792,900.08}{583,602,425.00}$

= 0.3355

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 December 2012 - 25 January 2013

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

Current Month FPPCA(pesos)	195,792,900.08
Less: Previous Month FPPCA (pesos)	183,367,051.28
Net	12,425,848.80
Divide by Previous Month AFC + APPC (pesos)	1,206,665,816.28
Percent Change	1.030%
Previous Month FPPCA Rate	0.0743
Increase/Decrease	0.0008
Current Month FPPCA Rate	0.0751

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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