

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

Billing Period Covered: 26 November 2012 - 25 December 2012

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 2,652,411,823.82 - 2,325,976,544.31 + 0.00
 = 326,435,279.52

$AFC^{/1}$ = FCB $\left(\frac{0.1751 B_n}{Bo} + \frac{0.0231 D_n}{Do} + \frac{0.1305 C_n}{Co} + \frac{0.2954 S_n}{So} + \frac{0.3759 N_{Gn}}{NGo} \right)$
 = 2,652,411,823.82

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 3,444,058,618.34 - 3,153,371,686.48 + 0.00
 = 290,686,931.86

APPC = PPCB $\left\{ \left[0.40 + \left(\frac{0.3 USCPIn}{USCPlo} \right) \right] \frac{FX_n}{Fxo} + \frac{0.3 CPI_n}{CPI_o} \right\}$
 = 3,153,371,686.48 $\left\{ \left[0.40 + \left(\frac{0.3 \times \frac{230.221}{210.036}}{41.0676} \right) \right] \frac{41.0676}{41.7429} + \frac{0.3 \times \frac{131.30}{105.0}}{105.0} \right\}$
 = 3,444,058,618.34

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 326,435,279.52 + 290,686,931.86
 = 617,122,211.38

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{617,122,211.38}{100,750,622.00}$
 = 6.1252

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 November 2012 - 25 December 2012

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

Current Month FPPCA(pesos)	617,122,211.38
Less: Previous Month FPPCA (pesos)	563,848,903.22
Net	<u>53,273,308.16</u>
Divide by Previous Month AFC + APPC (pesos)	6,043,197,134.00
Percent Change	<u>0.882%</u>
Previous Month FPPCA Rate	0.4119
Increase/Decrease	<u>0.0036</u>
Current Month FPPCA Rate	0.4155

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 531,115,184.68 - 486,642,765.00 + 0.00
 = 44,472,419.68

$AFC^{/1}$ = FCB $\left(\frac{0.2041 B_n}{Bo} + \frac{0.0998 D_n}{Do} + \frac{0.5782 C_n}{Co} + \frac{0.1179 S_n}{So} + \frac{0.00 N_n}{NGo} \right)$
 = 531,115,184.68

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 782,729,352.92 - 716,665,090.00 + 0.00
 = 66,064,262.92

APPC = PPCB $\left\{ \left[0.40 + \left(\frac{3 \text{ USCPI}_n}{\text{USCPI}_o} \right) \right] \left[\frac{\text{FX}_n}{\text{FX}_o} + \frac{.3 \text{ CPI}_n}{\text{CPI}_o} \right] \right\}$
 = 716,665,090.00 $\left\{ \left[0.40 + \left(\frac{0.3 \times 230.221}{210.036} \right) \right] \left[\frac{41.0676}{41.7429} + \frac{0.3 \times 131.30}{105.0} \right] \right\}$
 = 782,729,352.92

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 44,472,419.68 + 66,064,262.92
 = 110,536,682.60

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{110,536,682.60}{193,020,083.00}$
 = 0.5727

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 November 2012 - 25 December 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	110,536,682.60
Less: Previous Month FPPCA (pesos)	79,304,011.59
Net	<u>31,232,671.01</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,282,611,866.59</u>
Percent Change	2.435%
Previous Month FPPCA Rate	0.2133
Increase/Decrease	0.0052
Current Month FPPCA Rate	<u>0.2185</u>

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 605,091,291.90 - 472,498,595.00 + 0.00
 = 132,592,696.90
 $AFC^{/1}$ = FCB $\left(\begin{array}{l} \frac{0.9967 Bn}{Bo} + \frac{0.0033 Dn}{Do} + \frac{0.00 Cn}{Co} + \frac{0.00 Sn}{So} + \frac{0.00 NGn}{NGo} \end{array} \right)$
 = 605,091,291.90

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 601,574,524.38 - 550,800,170.00 + 0.00
 = 50,774,354.38
 APPC = PPCB $\left\{ \begin{array}{l} 0.40 + \left(\frac{3 USCPI_n}{USCPI_o} \right) \left(\frac{FX_n + .3 CPI_n}{FX_o + CPI_o} \right) \end{array} \right\}$
 = 550,800,170.00 $\left\{ \begin{array}{l} 0.40 + \left(\frac{0.3 \times 230.221}{210.036} \right) \left(\frac{41.0676}{41.7429} \right) + 0.3 \times \frac{131.30}{105.0} \end{array} \right\}$
 = 601,574,524.38

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = FCA_{pesos} + $PPCA_{\text{pesos}}$
 = 132,592,696.90 + 50,774,354.38
 = 183,367,051.28

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{183,367,051.28}{600,443,884.00}$
 = 0.3054

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 November 2012 - 25 December 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	183,367,051.28
Less: Previous Month FPPCA (pesos)	182,823,338.90
Net	543,712.38
Divide by Previous Month AFC + APPC (pesos)	1,206,122,103.90
Percent Change	0.045%
Previous Month FPPCA Rate	0.0743
Increase/Decrease	0.0000
Current Month FPPCA Rate	0.0743

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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