

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 2013 - 25 January 2014

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = $AFC - FCB + OFCA^{1/}$
 = 2,604,923,416.62 - 2,325,976,544.31 + 0.00
 = 278,946,872.31

$AFC^{2/}$ = $FCB \left(\frac{0.1751 B_n}{B_o} + \frac{0.0231 D_n}{D_o} + \frac{0.1305 C_n}{C_o} + \frac{0.2954 S_n^{3/}}{S_o} + \frac{0.3759 N_{Gn}}{N_{Go}} \right)$
 = 2,604,923,416.62

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = $APPC - PPCB + OPPCA^{1/}$
 = 3,733,983,828.18 - 3,153,371,686.48 + 0.00
 = 580,612,141.71

$APPC$ = $PPCB \left\{ \left[0.40 + \left(\frac{0.3 USCPIn^{3/}}{USCPIo} \right) \right] \frac{FX_n}{FX_o} + \frac{0.3 CPIn^{3/}}{CPI_o} \right\}$
 = $\left\{ 3,153,371,686.48 \left[0.40 + \left(\frac{0.3 \times 233.049}{210.036} \right) \right] \frac{45.1830}{41.7429} + \frac{0.3 \times 136.80}{105.0} \right\}$
 = 3,733,983,828.18

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 278,946,872.31 + 580,612,141.71
 = 859,559,014.02

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{859,559,014.02}{35,651,093.60}$
 = 24.1103

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 December 2013 - 25 January 2014

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

Current Month FPPCA(pesos)	859,559,014.02
Less: Previous Month FPPCA (pesos)	846,235,405.63
Net	<u>13,323,608.39</u>
Divide by Previous Month AFC + APPC (pesos)	<u>6,325,583,636.41</u>
Percent Change	0.21%
Previous Month FPPCA Rate	0.4311
Increase/Decrease	<u>0.0009</u>
Current Month FPPCA Rate	<u>0.4320</u>

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment

$$= AFC - FCB + OFCA^{1/}$$

$$= 502,737,622.12 \quad - \quad 486,642,765.00 \quad + \quad 0.00$$

$$= 16,094,857.12$$

$$AFC^{/2} = FCB \left(\frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn^{3/}}{So} + \frac{0.00 NGo}{NGo} \right)$$

$$= 502,737,622.12$$

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

$$= APPC - PPCB + OPPCA^{''}$$

$$= 848,620,499.69 \quad - \quad 716,665,090.00 \quad + \quad 0.00$$

$$= 131,955,409.69$$

$$APPC = PPCB \left\{ \left(0.40 + \left(\frac{0.3 USCPI_n^{3/}}{USCPI_o} \right) \right) \frac{FX_n}{Fxo} + \frac{0.3 CPI_n}{CPI_o} \right\}$$

$$= 716,665,090.00 \left\{ \left(0.40 + \left(\frac{0.3 \times 233.049}{210.036} \right) \right) \frac{45.1830}{41.7429} + \frac{0.3 \times 136.80}{105.0} \right\}$$

$$= 848,620,499.69$$

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

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

$$= 16,094,857.12 \quad + \quad 131,955,409.69$$

$$= 148,050,266.81$$

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

$$= \frac{148,050,266.81}{102,959,274.02}$$

$$= 1.4379$$

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 December 2013 - 25 January 2014	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	148,050,266.81
Less: Previous Month FPPCA (pesos)	143,024,729.83
Net	<u>5,025,536.98</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,346,332,584.83</u>
Percent Change	0.37%
Previous Month FPPCA Rate	0.2239
Increase/Decrease	<u>0.0008</u>
Current Month FPPCA Rate	0.2247

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment

$$= AFC - FCB + OFCA^{1/}$$

$$= 607,077,924.64 \quad - \quad 472,498,595.00 \quad + \quad 0.00$$

$$= 134,579,329.64$$

$$AFC^{/2} = FCB \left(\frac{0.9967 \text{ Bn}}{Bo} + \frac{0.0033 \text{ Dn}}{Do} + \frac{0.00 \text{ Cn}}{Co} + \frac{0.00 \text{ Sn}}{So} + \frac{0.00 \text{ NGn}}{NGo} \right)$$

$$= 607,077,924.64$$

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

$$= APPC - PPCB + OPPCA^{1/}$$

$$= 652,215,828.59 \quad - \quad 550,800,170.00 \quad + \quad 0.00$$

$$= 101,415,658.59$$

$$APPC = PPCB \left\{ \left[0.40 + \left(\frac{0.3 \text{ USCPI}n^{3/}}{\text{USCPI}o} \right) \right] \frac{FXn}{Fxo} + \frac{0.3 \text{ CPI}n^{3/}}{\text{CPI}o} \right\}$$

$$= 550,800,170.00 \left\{ \left[0.40 + \left(\frac{0.3 \times 233.049}{210.036} \right) \right] \frac{45.1830}{41.7429} + \frac{0.3 \times 136.80}{105.0} \right\}$$

$$= 652,215,828.59$$

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

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

$$= 134,579,329.64 \quad + \quad 101,415,658.59$$

$$= 235,994,988.22$$

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

$$= \frac{235,994,988.22}{614,096,261.45}$$

$$= 0.3843$$

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 December 2013 - 25 January 2014	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	235,994,988.22
Less: Previous Month FPPCA (pesos)	223,790,355.37
Net	12,204,632.85
Divide by Previous Month AFC + APPC (pesos)	1,247,089,120.37
Percent Change	0.98%
Previous Month FPPCA Rate	0.0767
Increase/Decrease	0.0008
Current Month FPPCA Rate	0.0775

NOTES:

*Calculation is based on ERC Resolution Nos. 19 and 25 (amending 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/ The above calculation does not incorporate the OFCA and OPPCA as PSALM is waiting for the decision relative to ERC Case No. 2010-055MC

2/ Refer to the posted graph for MOPS fuel prices

3/ The latest available data is until December 2013

AFC = Adjusted Fuel Costs in pesos

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

OFCA = Other Fuel Costs Adjustment in Pesos

APPC = Adjusted Purchased Power Costs in pesos

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

OPPCA = Other Purchased Power Costs Adjustment in pesos

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