

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

Billing Period Covered: 26 August 2013 - 25 September 2013

**AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT**

**LUZON**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA<sup>1/</sup>  
 = 2,595,991,180.54 - 2,325,976,544.31 + 0.00  
 = 270,014,636.23

$AFC^{2/}$  = FCB  $\left\{ \frac{0.1751 Bn}{Bo} + \frac{0.0231 Dn}{Do} + \frac{0.1305 Cn}{Co} + \frac{0.2954 Sn}{So} + \frac{0.3759 NGn}{NGo} \right\}$   
 = 2,595,991,180.54

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA<sup>1/</sup>  
 = 3,607,306,301.96 - 3,153,371,686.48 + 0.00  
 = 453,934,615.49

APPC = PPCB  $\left\{ \left[ 0.40 + \left( \frac{0.3 USCPIn}{USCPlo} \right) \right] \frac{FXn}{Fxo} + \frac{0.3 CPIn^{3/}}{CPlo} \right\}$   
 = 3,153,371,686.48  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 233.877}{210.036} \right) \right] \frac{43.2482}{41.7429} + \frac{0.3 \times 134.20}{105.0} \right\}$   
 = 3,607,306,301.96

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}}$  +  $PPCA_{\text{pesos}}$   
 = 270,014,636.23 + 453,934,615.49  
 = 723,949,251.72

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{723,949,251.72}{54,623,718.00}$   
 = 13.2534

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 August 2013 - 25 September 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	723,949,251.72
Less: Previous Month FPPCA (pesos)	739,660,143.56
Net	(15,710,891.84)
Divide by Previous Month AFC + APPC (pesos)	6,219,008,374.34
Percent Change	-0.25%
Previous Month FPPCA Rate	0.4238
Increase/Decrease	(0.0011)
Current Month FPPCA Rate	0.4227

**VISAYAS**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 =  $AFC - FCB + OFCA^{1/}$   
 = 485,962,784.91 - 486,642,765.00 + 0.00  
 = (679,980.09)

$AFC^{1/2}$  =  $FCB \left( \frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn}{So} + \frac{0.00 NGn}{NGo} \right)$   
 = 485,962,784.91

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 =  $APPC - PPCB + OPPCA''$   
 = 819,830,566.32 - 716,665,090.00 + 0.00  
 = 103,165,476.32

$APPC$  =  $PPCB \left\{ \left( 0.40 + \frac{3 USCPI_n}{USCPI_o} \right) \left( \frac{FX_n}{FX_o} + \frac{0.3 CPI_n^{3/}}{CPI_o} \right) \right\}$   
 =  $716,665,090.00 \left\{ \left( 0.40 + \left( \frac{0.3 \times 233.877}{210.036} \right) \right) \left( \frac{43.2482}{41.7429} + \frac{0.3 \times 134.20}{105.0} \right) \right\}$   
 = 819,830,566.32

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = (679,980.09) + 103,165,476.32  
 = 102,485,496.23

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{102,485,496.23}{189,912,556.00}$   
 = 0.5396

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 August 2013 - 25 September 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	102,485,496.23
Less: Previous Month FPPCA (pesos)	108,870,289.17
Net	(6,384,792.94)
Divide by Previous Month AFC + APPC (pesos)	1,312,178,144.17
Percent Change	-0.49%
Previous Month FPPCA Rate	0.2182
Increase/Decrease	(0.0011)
Current Month FPPCA Rate	0.2171

**MINDANAO**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment

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

$$= 603,579,843.91 \quad - \quad 472,498,595.00 \quad + \quad 0.00$$

$$= 131,081,248.91$$

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

$$= 603,579,843.91$$

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

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

$$= 630,089,035.46 \quad - \quad 550,800,170.00 \quad + \quad 0.00$$

$$= 79,288,865.46$$

$$APPC = PPCB \left\{ \left[ 0.40 + \left( \frac{3 \text{ USCPIn}}{\text{USCPIn}} \right) \right] \left[ \frac{FXn}{FXo} + \frac{0.3 \text{ CPIn}}{\text{CPIn}} \right] \right\}$$

$$= 550,800,170.00 \left\{ \left[ 0.40 + \left( \frac{\text{USCPIn}}{\text{USCPIn}} \right) \right] \left[ \frac{210.036}{0.3 \times 233.877} + \frac{43.2482}{41.7429} + \frac{0.3 \times 134.20}{105.0} \right] \right\}$$

$$= 630,089,035.46$$

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

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

$$= 131,081,248.91 \quad + \quad 79,288,865.46$$

$$= 210,370,114.37$$

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

$$= \frac{210,370,114.37}{593,413,887.00}$$

$$= 0.3545$$

**REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST**

Billing Period Covered: 26 August 2013 - 25 September 2013

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

Current Month FPPCA(pesos)	210,370,114.37
Less: Previous Month FPPCA (pesos)	208,847,917.82
Net	1,522,196.55
Divide by Previous Month AFC + APPC (pesos)	1,232,146,682.82
Percent Change	0.12%
Previous Month FPPCA Rate	0.0758
Increase/Decrease	0.0001
Current Month FPPCA Rate	0.0759

**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/ 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

2/ Refer to the posted graph for MOPS fuel prices

3/ The latest available CPI as posted on the NSCB Website is until June 2013

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

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