

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

Billing Period Covered: 26 September 2012 - 25 October 2012

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

**LUZON**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 2,688,313,846.65 - 2,325,976,544.31 + 0.00  
 = 362,337,302.35

$AFC^{/1}$  = FCB  $\left( \frac{0.1751 B_n}{Bo} + \frac{0.0231 D_n}{Do} + \frac{0.1305 C_n}{Co} + \frac{0.2954 S_n}{So} + \frac{0.3759 N_n}{NGo} \right)$   
 = 2,688,313,846.65

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 3,424,940,021.18 - 3,153,371,686.48 + 0.00  
 = 271,568,334.70

APPC = PPCB  $\left\{ 0.40 + \left[ \frac{0.3 USCPIn}{USCPlo} \right] \left[ \frac{FXn}{Fxo} + \frac{0.3 CPI_n}{CPI_o} \right] \right\}$   
 = 3,153,371,686.48  $\left\{ 0.40 + \left[ \frac{0.3 \times 231.407}{210.036} \right] \left[ \frac{41.3518}{41.7429} + \frac{0.3 \times 175.30}{145.1} \right] \right\}$   
 = 3,424,940,021.18

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}}$  +  $PPCA_{\text{pesos}}$   
 = 362,337,302.35 + 271,568,334.70  
 = 633,905,637.05

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{633,905,637.05}{71,647,196.00}$   
 = 8.8476

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

Billing Period Covered: 26 September 2012 - 25 October 2012

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

Current Month FPPCA(pesos)	633,905,637.05
Less: Previous Month FPPCA (pesos)	731,126,580.85
Net	<u>(97,220,943.80)</u>
Divide by Previous Month AFC + APPC (pesos)	6,210,474,811.63
Percent Change	<u>-1.565%</u>
Previous Month FPPCA Rate	0.4233
Increase/Decrease	<u>(0.0066)</u>
Current Month FPPCA Rate	<b>0.4167</b>

**VISAYAS**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 510,943,613.37 - 486,642,765.00 + 0.00  
 = 24,300,848.37

$AFC^{/1}$  = FCB  $\left( \frac{0.2041 B_n}{Bo} + \frac{0.0998 D_n}{Do} + \frac{0.5782 C_n}{Co} + \frac{0.1179 S_n}{So} + \frac{0.00 N_n}{NGo} \right)$   
 = 510,943,613.37

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 778,384,279.61 - 716,665,090.00 + 0.00  
 = 61,719,189.61

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  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 231.407}{210.036} \right) \right] \left[ \frac{41.3518}{41.7429} + \frac{0.3 \times 175.30}{145.1} \right] \right\}$   
 = 778,384,279.61

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = 24,300,848.37 + 61,719,189.61  
 = 86,020,037.98

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{86,020,037.98}{197,936,923.00}$   
 = 0.4346

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 September 2012 - 25 October 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	86,020,037.98
Less: Previous Month FPPCA (pesos)	120,927,741.77
Net	<u>(34,907,703.78)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,324,235,596.77</u>
Percent Change	-2.636%
Previous Month FPPCA Rate	0.2202
Increase/Decrease	(0.0058)
Current Month FPPCA Rate	<u>0.2144</u>

**MINDANAO**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 646,988,759.00 - 472,498,595.00 + 0.00  
 = 174,490,164.00  
 $AFC^{/1}$  = FCB  $\left( \begin{array}{l} \frac{0.9967 \text{ Bn}}{\text{Bo}} + \frac{0.0033 \text{ Dn}}{\text{Do}} + \frac{0.00 \text{ Cn}}{\text{Co}} + \frac{0.00 \text{ Sn}}{\text{So}} + \frac{0.00 \text{ NGn}}{\text{NGo}} \end{array} \right)$   
 = 646,988,759.00

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 598,235,074.54 - 550,800,170.00 + 0.00  
 = 47,434,904.54  
 APPC = PPCB  $\left\{ \begin{array}{l} 0.40 + \left( \frac{3 \text{ USCPI}_{\text{In}}}{\text{USCPI}_{\text{O}}} \right) \left( \frac{\text{FX}_{\text{In}} + .3 \text{ CPI}_{\text{In}}}{\text{FX}_{\text{O}} + \text{CPI}_{\text{O}}} \right) \end{array} \right\}$   
 = 550,800,170.00  $\left\{ \begin{array}{l} 0.40 + \left( \frac{0.3 \times 231.407}{210.036} \right) \left( \frac{41.3518}{41.7429} \right) + 0.3 \times \frac{175.30}{145.1} \end{array} \right\}$   
 = 598,235,074.54

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}}$  +  $PPCA_{\text{pesos}}$   
 = 174,490,164.00 + 47,434,904.54  
 = 221,925,068.54

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{221,925,068.54}{634,216,104.00}$   
 = 0.3499

<b>REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST</b>	
<b>Billing Period Covered: 26 September 2012 - 25 October 2012</b>	
<b>Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM</b>	
Current Month FPPCA(pesos)	221,925,068.54
Less: Previous Month FPPCA (pesos)	257,815,490.79
Net	<u>(35,890,422.25)</u>
Divide by Previous Month AFC + APPC (pesos)	1,281,114,255.79
Percent Change	<u>-2.802%</u>
Previous Month FPPCA Rate	0.0789
Increase/Decrease	<u>(0.0022)</u>
Current Month FPPCA Rate	<b>0.0767</b>

**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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