

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

Billing Period Covered: 26 June 2013 - 25 July 2013

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

**LUZON**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 2,573,602,678.23 - 2,325,976,544.31 + 0.00  
 = 247,626,133.92

AFC<sup>/1</sup> = FCB  $\left( \frac{0.1751 \text{ Bn}}{\text{Bo}} + \frac{0.0231 \text{ Dn}}{\text{Do}} + \frac{0.1305 \text{ Cn}}{\text{Co}} + \frac{0.2954 \text{ Sn}}{\text{So}} + \frac{0.3759 \text{ NGn}}{\text{NGo}} \right)$   
 = 2,573,602,678.23

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 3,596,923,016.24 - 3,153,371,686.48 + 0.00  
 = 443,551,329.77

APPC = PPCB  $\left\{ \left[ 0.40 + \left( \frac{0.3 \text{ USCPIn}}{\text{USCPIo}} \right) \right] \frac{\text{FXn}}{\text{FXo}} + \frac{0.3 \text{ CPIIn}}{\text{CPIo}} \right\}$   
 = 3,153,371,686.48  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 233.504}{210.036} \right) \right] \frac{43.3036}{41.7429} + \frac{0.3 \times 132.90}{105.0} \right\}$   
 = 3,596,923,016.24

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = 247,626,133.92 + 443,551,329.77  
 = 691,177,463.69

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{691,177,463.69}{71,428,370.00}$  \*\*  
 = 9.6765

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 June 2013 - 25 July 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	691,177,463.69
Less: Previous Month FPPCA (pesos)	702,581,978.77
Net	<b>(11,404,515.08)</b>
Divide by Previous Month AFC + APPC (pesos)	6,181,930,209.55
Percent Change	-0.18%
Previous Month FPPCA Rate	0.4213
Increase/Decrease	(0.0008)
Current Month FPPCA Rate	0.4205



**VISAYAS**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 482,128,408.92 - 486,642,765.00 + 0.00  
 = (4,514,356.08)

$AFC^{/1}$  = FCB  $\left( \begin{array}{c} \frac{0.2041 B_n}{Bo} + \frac{0.0998 D_n}{Do} + \frac{0.5782 C_n}{Co} + \frac{0.1179 S_n}{So} + \frac{0.00 N_{Gn}}{NGo} \end{array} \right)$   
 = 482,128,408.92

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 817,470,762.55 - 716,665,090.00 + 0.00  
 = 100,805,672.55

APPC = PPCB  $\left\{ \left( 0.40 + \left( \frac{3 USCPIn}{USCPlo} \right) \right) \left( \frac{FXn}{Fxo} + \frac{0.3 CPIIn}{CPIlo} \right) \right\}$   
 = 716,665,090.00  $\left\{ \left( 0.40 + \left( \frac{0.3 \times 233.504}{210.036} \right) \right) \left( \frac{43.3036}{41.7429} + \frac{0.3 \times 132.90}{105.0} \right) \right\}$   
 = 817,470,762.55

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = (4,514,356.08) + 100,805,672.55  
 = 96,291,316.48

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{96,291,316.48}{199,233,146.60}$   
 = 0.4833

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 June 2013 - 25 July 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	96,291,316.48
Less: Previous Month FPPCA (pesos)	121,243,117.40
Net	(24,951,800.93)
Divide by Previous Month AFC + APPC (pesos)	1,324,550,972.40
Percent Change	-1.88%
Previous Month FPPCA Rate	0.2202
Increase/Decrease	(0.0041)
Current Month FPPCA Rate	0.2161

**MINDANAO**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 598,593,222.80 - 472,498,595.00 + 0.00  
 = 126,094,627.80

$AFC^{/1}$  = FCB  $\left\{ \begin{array}{l} \frac{0.9967 \text{ Bn}}{\text{Bo}} + \frac{0.0033 \text{ Dn}}{\text{Do}} + \frac{0.00 \text{ Cn}}{\text{Co}} + \frac{0.00 \text{ Sn}}{\text{So}} + \frac{0.00 \text{ NGo}}{\text{NGo}} \end{array} \right\}$   
 = 598,593,222.80

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 628,275,384.51 - 550,800,170.00 + 0.00  
 = 77,475,214.51

APPC = PPCB  $\left\{ \left\{ \begin{array}{l} 0.40 + \left( \frac{3 \text{ USCPI}_n}{\text{USCPI}_o} \right) \right\} \left\{ \begin{array}{l} \frac{\text{FX}_n}{\text{FX}_o} + \frac{0.3 \text{ CPI}_n}{\text{CPI}_o} \end{array} \right\} \right\}$   
 = 550,800,170.00  $\left\{ \left\{ \begin{array}{l} 0.40 + \left( \frac{0.3 \times 233.504}{210.036} \right) \right\} \left\{ \begin{array}{l} \frac{43.3036}{41.7429} + \frac{0.3 \times 132.90}{105.0} \end{array} \right\} \right\}$   
 = 628,275,384.51

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}}$  +  $PPCA_{\text{pesos}}$   
 = 126,094,627.80 + 77,475,214.51  
 = 203,569,842.31

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{203,569,842.31}{637,931,033.11}$   
 = 0.3191

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
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Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	203,569,842.31
Less: Previous Month FPPCA (pesos)	221,094,951.14
Net	(17,525,108.83)
Divide by Previous Month AFC + APPC (pesos)	1,244,393,716.14
Percent Change	-1.41%
Previous Month FPPCA Rate	0.0766
Increase/Decrease	(0.0011)
Current Month FPPCA Rate	0.0755

**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**

**\* The latest available CPI as posted on the NSCB Website is until May 2013**

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