

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

Billing Period Covered: 26 October 2012 - 25 November 2012

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

**LUZON**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 2,627,530,997.02 - 2,325,976,544.31 + 0.00  
 = 301,554,452.71

$AFC^{/1}$  = FCB  $\left( \frac{0.1751 B_n}{Bo} + \frac{0.0231 D_n}{Do} + \frac{0.1305 C_n}{Co} + \frac{0.2954 S_n}{So} + \frac{0.3759 N_n}{NGo} \right)$   
 = 2,627,530,997.02

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 3,415,666,136.98 - 3,153,371,686.48 + 0.00  
 = 262,294,450.50

APPC = PPCB  $\left\{ 0.40 + \left[ \frac{0.3 USCPIn}{USCPlo} \right] \left[ \frac{FX_n}{FXo} + \frac{0.3 CPI_n}{CPIo} \right] \right\}$   
 = 3,153,371,686.48  $\left\{ 0.40 + \left[ \frac{0.3 \times 231.317}{210.036} \right] \left[ \frac{41.1910}{41.7429} + \frac{0.3 \times 175.30}{145.1} \right] \right\}$   
 = 3,415,666,136.98

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = 301,554,452.71 + 262,294,450.50  
 = 563,848,903.22

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{563,848,903.22}{72,063,932.00}$   
 = 7.8243

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

Billing Period Covered: 26 October 2012 - 25 November 2012

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

Current Month FPPCA(pesos)	563,848,903.22
Less: Previous Month FPPCA (pesos)	633,905,637.05
Net	<b>(70,056,733.83)</b>
Divide by Previous Month AFC + APPC (pesos)	6,113,253,867.83
Percent Change	-1.146%
Previous Month FPPCA Rate	0.4167
Increase/Decrease	(0.0048)
Current Month FPPCA Rate	<b>0.4119</b>

**VISAYAS**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 506,335,257.67 - 486,642,765.00 + 0.00  
 = 19,692,492.67

$AFC^{/1}$  = FCB  $\left( \frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn}{So} + \frac{0.00 N Gn}{NGo} \right)$   
 = 506,335,257.67

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 776,276,608.93 - 716,665,090.00 + 0.00  
 = 59,611,518.93

APPC = PPCB  $\left\{ \left[ 0.40 + \left( \frac{3 USCPIn}{USCPlo} \right) \right] \left[ \frac{FXn}{Fxo} + \frac{.3 CPln}{CPlo} \right] \right\}$   
 = 716,665,090.00  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 231.317}{210.036} \right) \right] \left[ \frac{41.1910}{41.7429} + \frac{0.3 \times 175.30}{145.1} \right] \right\}$   
 = 776,276,608.93

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = 19,692,492.67 + 59,611,518.93  
 = 79,304,011.59

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{79,304,011.59}{190,628,395.00}$   
 = 0.4160

<b>REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST</b>	
<b>Billing Period Covered: 26 October 2012 - 25 November 2012</b>	
<b>Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM</b>	
Current Month FPPCA(pesos)	79,304,011.59
Less: Previous Month FPPCA (pesos)	86,020,037.98
Net	<u>(6,716,026.39)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,289,327,892.98</u>
Percent Change	-0.521%
Previous Month FPPCA Rate	0.2144
Increase/Decrease	(0.0011)
<b>Current Month FPPCA Rate</b>	<b>0.2133</b>

**MINDANAO**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 609,506,900.88 - 472,498,595.00 + 0.00  
 = 137,008,305.88  
 $AFC^{/1}$  = FCB  $\left( \frac{0.9967 Bn}{Bo} + \frac{0.0033 Dn}{Do} + \frac{0.00 Cn}{Co} + \frac{0.00 Sn}{So} + \frac{0.00 NGn}{NGo} \right)$   
 = 609,506,900.88

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 596,615,203.02 - 550,800,170.00 + 0.00  
 = 45,815,033.02  
 APPC = PPCB  $\left\{ \left( 0.40 + \frac{3 USCPI_n}{USCPI_o} \right) \left( \frac{FX_n}{FX_o} + \frac{.3 CPI_n}{CPI_o} \right) \right\}$   
 = 550,800,170.00  $\left\{ \left( 0.40 + \frac{3 USCPI_n}{USCPI_o} \right) \left( \frac{0.3 \times 231.317}{210.036} + \frac{41.1910}{41.7429} \right) + \frac{0.3 \times 175.30}{145.1} \right\}$   
 = 596,615,203.02

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}}$  +  $PPCA_{\text{pesos}}$   
 = 137,008,305.88 + 45,815,033.02  
 = 182,823,338.90

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{182,823,338.90}{600,539,867.00}$   
 = 0.3044

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 October 2012 - 25 November 2012	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	182,823,338.90
Less: Previous Month FPPCA (pesos)	221,925,068.54
Net	<b>(39,101,729.64)</b>
Divide by Previous Month AFC + APPC (pesos)	1,245,223,833.54
Percent Change	-3.140%
Previous Month FPPCA Rate	0.0767
Increase/Decrease	(0.0024)
Current Month FPPCA Rate	<b>0.0743</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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