

**AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COSTS AND FOREIGN-EXCHANGE  
RELATED COSTS BY THE NATIONAL POWER CORPORATION (NPC)\*  
Billing Period Covered: 26 November 2010 - 25 December 2010  
AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT**

**LUZON**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 2,418,649,530.73 - 2,325,976,544.31 + 0.00  
 = 92,672,986.42

$AFC^{/1}$  = FCB  $\left[ \frac{0.1751 Bn}{Bo} + \frac{0.0231 Dn}{Do} + \frac{0.1305 Cn}{Co} + \frac{0.2954 Sn}{So} + \frac{0.3759 NGn}{NGo} \right]$   
 = 2,418,649,530.73

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 3,474,966,764.10 - 3,153,371,686.48 + 0.00  
 = 321,595,077.62

APPC = PPCB  $\left\{ \left[ 0.40 + \left( \frac{0.3 USCPI_n}{USCPI_o} \right) \right] \frac{FX_n}{FX_o} + \frac{0.3 CPI_n}{CPI_o} \right\}$   
 = 3,153,371,686.48  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 218.803}{210.036} \right) \right] \frac{44.2708}{41.7429} + \frac{0.3 \times 167.50}{145.1} \right\}$   
 = 3,474,966,764.10

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = 92,672,986.42 + 321,595,077.62  
 = 414,268,064.04

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{414,268,064.04}{161,805,289.00}$   
 = 2.5603

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

**Billing Period Covered: 26 November 2010 to 26 December 2010**

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

Current Month FPPCA(pesos)	414,268,064.04
Less: Previous Month FPPCA (pesos)	286,956,942.30
Net	<u>127,311,121.74</u>
Divide by Previous Month AFC + APPC (pesos)	5,766,305,173.09
Percent Change	<u>2.208%</u>
Previous Month FPPCA Rate	0.3931
Increase/Decrease	<u>0.0087</u>
Current Month FPPCA Rate	<u>0.4018</u>

## VISAYAS

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 568,489,875.13 - 486,642,765.00 + 0.00  
 = 81,847,110.13

$AFC^{/1}$  = FCB  $\left( \begin{array}{ccccc} \frac{0.2041 Bn}{Bo} & + & \frac{0.0998 Dn}{Do} & + & \frac{0.5782 Cn}{Co} & + & \frac{0.1179 Sn}{So} & + & \frac{0.00 NGn}{NGo} \end{array} \right)$   
 = 568,489,875.13

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 789,753,830.61 - 716,665,090.00 + 0.00  
 = 73,088,740.61

APPC = PPCB  $\left\{ \left[ 0.40 + \left( \frac{3 \text{ USCPI}n}{\text{USCPI}o} \right) \right] \frac{\text{FX}n}{\text{FX}o} + \frac{.3 \text{ CPI}n}{\text{CPI}o} \right\}$   
 = 716,665,090.00  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 218.803}{210.036} \right) \right] \frac{44.2708}{41.7429} + \frac{0.3 \times 167.50}{145.1} \right\}$   
 = 789,753,830.61

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}}$  +  $PPCA_{\text{pesos}}$   
 = 81,847,110.13 + 73,088,740.61  
 = 154,935,850.74

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{154,935,850.74}{317,767,336.00}$   
 = 0.4876

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 November 2010 to 26 December 2010	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	154,935,850.74
Less: Previous Month FPPCA (pesos)	112,459,005.75
Net	42,476,844.99
Divide by Previous Month AFC + APPC (pesos)	1,315,766,860.75
Percent Change	3.228%
Previous Month FPPCA Rate	0.2188
Increase/Decrease	0.0071
Current Month FPPCA Rate	0.2259

**MINDANAO**

A.  $FCA_{\text{pesos}}$  = Fuel Cost Adjustment  
 = AFC - FCB + OFCA  
 = 503,914,352.42 - 472,498,595.00 + 0.00  
 = 31,415,757.42

$AFC^{/1}$  =  $FCB \left( \frac{0.9967 B_n}{B_o} + \frac{0.0033 D_n}{D_o} + \frac{0.00 C_n}{C_o} + \frac{0.00 S_n}{S_o} + \frac{0.00 N_{Gn}}{N_{Go}} \right)$   
 = 503,914,352.42

B.  $PPCA_{\text{pesos}}$  = Purchased Power Costs Adjustment  
 = APPC - PPCB + OPPCA  
 = 606,973,257.42 - 550,800,170.00 + 0.00  
 = 56,173,087.42

APPC =  $PPCB \left\{ \left[ 0.40 + \left( \frac{3 \text{ USCPI}_n}{\text{USCPI}_o} \right) \right] \frac{FX_n}{FX_o} + \left[ \frac{.3 \text{ CPI}_n}{\text{CPI}_o} \right] \right\}$   
 = 550,800,170.00  $\left\{ \left[ 0.40 + \left( \frac{0.3 \times 218.803}{210.036} \right) \right] \frac{44.2708}{41.7429} + \frac{0.3 \times 167.50}{145.1} \right\}$   
 = 606,973,257.42

C.  $FPPCA_{\text{pesos}}$  = Fuel and Purchased Power Costs Adjustment  
 =  $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$   
 = 31,415,757.42 + 56,173,087.42  
 = 87,588,844.84

D.  $FPPCA_{\text{rate}}$  =  $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$   
 =  $\frac{87,588,844.84}{648,549,496.00}$   
 = 0.1351

<b>REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST</b>	
<b>Billing Period Covered: 26 November 2010 to 26 December 2010</b>	
<b>Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM</b>	
Current Month FPPCA(pesos)	87,588,844.84
Less: Previous Month FPPCA (pesos)	65,367,974.15
Net	22,220,870.69
Divide by Previous Month AFC + APPC (pesos)	1,088,666,739.15
Percent Change	2.041%
Previous Month FPPCA Rate	0.0668
Increase/Decrease	0.0014
<b>Current Month FPPCA Rate</b>	<b>0.0682</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

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