

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 2013 - 25 November 2013

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = $AFC - FCB + OFCA^{1/}$
 = 2,605,193,649.06 - 2,325,976,544.31 + 0.00
 = 279,217,104.75

$AFC^{2/}$ = $FCB \left(\frac{0.1751 B_n}{B_o} + \frac{0.0231 D_n}{D_o} + \frac{0.1305 C_n}{C_o} + \frac{0.2954 S_n^{3/}}{S_o} + \frac{0.3759 N_{Gn}}{N_{Go}} \right)$
 = 2,605,193,649.06

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = $APPC - PPCB + OPPCA^{1/}$
 = 3,638,755,646.62 - 3,153,371,686.48 + 0.00
 = 485,383,960.15

$APPC$ = $PPCB \left\{ \left[0.40 + \left(\frac{0.3 USCPI_n^{3/}}{USCPI_o} \right) \right] \frac{FX_n}{FX_o} + \frac{0.3 CPI_n^{3/}}{CPI_o} \right\}$
 = $3,153,371,686.48 \left\{ \left[0.40 + \left(\frac{0.3 \times 233.546}{210.036} \right) \right] \frac{43.6810}{41.7429} + \frac{0.3 \times 135.20}{105.0} \right\}$
 = 3,638,755,646.62

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 279,217,104.75 + 485,383,960.15
 = 764,601,064.90

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{764,601,064.90}{50,748,180.00}$
 = 15.0666

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 October 2013 - 25 November 2013

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

Current Month FPPCA(pesos)	764,601,064.90
Less: Previous Month FPPCA (pesos)	731,569,054.37
Net	<u>33,032,010.53</u>
Divide by Previous Month AFC + APPC (pesos)	6,210,917,285.15
Percent Change	<u>0.53%</u>
Previous Month FPPCA Rate	0.4232
Increase/Decrease	<u>0.0023</u>
Current Month FPPCA Rate	<u>0.4255</u>

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = $AFC - FCB + OFCA^{1/}$
 = 503,356,411.95 - 486,642,765.00 + 0.00
 = 16,713,646.95

$AFC^{/2}$ = $FCB \left(\frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn^{3/}}{So} + \frac{0.00 N Gn}{NGo} \right)$
 = 503,356,411.95

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = $APPC - PPCB + OPPCA''$
 = 826,978,042.00 - 716,665,090.00 + 0.00
 = 110,312,952.00

$APPC$ = $PPCB \left\{ \left[0.40 + \left(\frac{0.3 USCPIn^{3/}}{USCPlo} \right) \right] \frac{FXn}{Fxo} + \frac{0.3 CPIn}{CPlo} \right\}$
 = 716,665,090.00 $\left\{ \left[0.40 + \left(\frac{0.3 \times 233.546}{210.036} \right) \right] \frac{43.6810}{41.7429} + \frac{0.3 \times 135.20}{105.0} \right\}$
 = 826,978,042.00

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 16,713,646.95 + 110,312,952.00
 = 127,026,598.95

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{127,026,598.95}{201,926,674.00}$
 = 0.6291

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 October 2013 - 25 November 2013	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	127,026,598.95
Less: Previous Month FPPCA (pesos)	111,853,867.89
Net	<u>15,172,731.06</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,315,161,722.89</u>
Percent Change	1.15%
Previous Month FPPCA Rate	0.2187
Increase/Decrease	<u>0.0025</u>
Current Month FPPCA Rate	0.2212

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment

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

$$= 600,437,876.72 \quad - \quad 472,498,595.00 \quad + \quad 0.00$$

$$= 127,939,281.72$$

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

$$= 600,437,876.72$$

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

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

$$= 635,582,299.84 \quad - \quad 550,800,170.00 \quad + \quad 0.00$$

$$= 84,782,129.84$$

$$APPC = PPCB \left\{ \left[0.40 + \left(\frac{0.3 \text{ USCPI}n^{3/}}{\text{USCPI}o} \right) \right] \frac{FXn}{Fxo} + \frac{0.3 \text{ CPI}n^{3/}}{\text{CPI}o} \right\}$$

$$= 550,800,170.00 \left\{ \left[0.40 + \left(\frac{0.3 \times 233.546}{210.036} \right) \right] \frac{43.6810}{41.7429} + \frac{0.3 \times 135.20}{105.0} \right\}$$

$$= 635,582,299.84$$

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

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

$$= 127,939,281.72 \quad + \quad 84,782,129.84$$

$$= 212,721,411.56$$

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

$$= \frac{212,721,411.56}{579,820,413.00}$$

$$= 0.3669$$

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 October 2013 - 25 November 2013

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

Current Month FPPCA(pesos)	212,721,411.56
Less: Previous Month FPPCA (pesos)	215,287,706.00
Net	(2,566,294.45)
Divide by Previous Month AFC + APPC (pesos)	1,238,586,471.00
Percent Change	-0.21%
Previous Month FPPCA Rate	0.0762
Increase/Decrease	(0.0002)
Current Month FPPCA Rate	0.0760

NOTES:

*Calculation is based on ERC Resolution Nos. 19 and 25 (amending Resolution 19) 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 PSALM is waiting for the decision relative to ERC Case No. 2010-055MC

2/ Refer to the posted graph for MOPS fuel prices

3/ The latest available data is until October 2013

AFC = Adjusted Fuel Costs in pesos

FCB = Fuel Costs Base is equal to $(1.6811 \text{ PhP/kWh} \times 16,603,247,000/12 \text{ kWh})$ for Luzon, $(1.2789 \text{ PhP/kWh} \times 4,566,200,000/12 \text{ kWh})$ for Visayas and $(0.8961 \text{ PhP/kWh} \times 6,327,400,000/12 \text{ kWh})$ for Mindanao

OFCA = Other Fuel Costs Adjustment in Pesos

APPC = Adjusted Purchased Power Costs in pesos

PPCB = Power Purchase Costs Base is equal to $(2.2791 \text{ PhP/kWh} \times 16,603,247,000/12 \text{ kWh})$ for Luzon, $(1.8834 \text{ PhP/kWh} \times 4,566,200,000/12 \text{ kWh})$ for Visayas and $(1.0446 \text{ PhP/kWh} \times 6,327,400,000/12 \text{ kWh})$ for Mindanao

OPPCA = Other Purchased Power Costs Adjustment in pesos

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