

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 2014 - 25 December 2014

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA _{pesos}	= Fuel Cost Adjustment				
	= AFC - FCB + OFCA ^{1/}				
	= 2,072,406,379.51	-	2,325,976,544.31	+	0.00
	= (253,570,164.80)				
	AFC ^{2/}	=	FCB	$\left[\frac{0.1751 \text{ Bn}}{\text{Bo}} + \frac{0.0231 \text{ Dn}}{\text{Do}} + \frac{0.1305 \text{ Cn}}{\text{Co}} + \frac{0.2954 \text{ Sn}^{3/}}{\text{So}} + \frac{0.3759 \text{ NGn}}{\text{NGo}} \right]$	
	= 2,072,406,379.51				
B. PPCA _{pesos}	= Purchased Power Costs Adjustment				
	= APPC - PPCB + OPPCA ^{1/}				
	= 3,760,103,642.18	-	3,153,371,686.48	+	0.00
	= 606,731,955.70				
	APPC	=	PPCB	$\left\{ \left[0.40 + \left(\frac{0.3 \text{ USCPI}^{3/}}{\text{USCPIo}} \right) \right] \frac{\text{FXn}}{\text{FXo}} + \frac{0.3 \text{ CPI}^{3/}}{\text{CPIo}} \right\}$	
	= 3,760,103,642.18		$\left\{ \left[0.40 + \left(\frac{0.3 \times 236.151}{210.036} \right) \frac{44.7334}{41.7429} \right] + \frac{0.3 \times 140.80}{105.0} \right\}$		
	= 3,760,103,642.18				
C. FPPCA _{pesos}	= Fuel and Purchased Power Costs Adjustment				
	= FCA _{pesos} + PPCA _{pesos}				
	= (253,570,164.80)	+	606,731,955.70		
	= 353,161,790.91				
D. FPPCA _{rate}	= $\frac{\text{FPPCA}_{\text{pesos}}}{\text{Sales}}$				
	= $\frac{353,161,790.91}{36,843,242.20}$				
	= 9.5855				

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 November 2014 - 25 December 2014

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

Current Month FPPCA(pesos)	353,161,790.91
Less: Previous Month FPPCA (pesos)	499,491,338.09
Net	(146,329,547.18)
Divide by Previous Month AFC + APPC (pesos)	5,978,839,568.87
Percent Change	-2.45%
Previous Month FPPCA Rate	0.4076
Increase/Decrease	(0.0100)
Current Month FPPCA Rate	0.3976

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = $AFC - FCB + OFCA^{1/}$
 = 385,501,721.01 - 486,642,765.00 + 0.00
 = (101,141,043.99)

$AFC^{2/}$ = $FCB \left(\frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn^{3/}}{So} + \frac{0.00 NGn}{NGo} \right)$
 = 385,501,721.01

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = $APPC - PPCB + OPPCA^{1/}$
 = 854,556,735.79 - 716,665,090.00 + 0.00
 = 137,891,645.79

$APPC$ = $PPCB \left\{ \left[0.40 + \left(\frac{0.3 USCPI_n^{3/}}{USCPI_o} \right) \right] \frac{FX_n}{FX_o} + \frac{0.3 CPI_n}{CPI_o} \right\}$
 = $716,665,090.00 \left\{ \left[0.40 + \left(\frac{0.3 \times 236.151}{210.036} \right) \right] \frac{44.7334}{41.7429} + \frac{0.3 \times 140.80}{105.0} \right\}$
 = 854,556,735.79

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = (101,141,043.99) + 137,891,645.79
 = 36,750,601.80

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{36,750,601.80}{171,032,525.27}$
 = 0.2149

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)	36,750,601.80
Less: Previous Month FPPCA (pesos)	56,527,869.63
Net	<u>(19,777,267.83)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,259,835,724.63</u>
Percent Change	-1.57%
Previous Month FPPCA Rate	0.2094
Increase/Decrease	<u>(0.0033)</u>
Current Month FPPCA Rate	0.2061

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment

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

$$= 419,612,293.32 \quad - \quad 472,498,595.00 \quad + \quad 0.00$$

$$= (52,886,301.68)$$

$$AFC^{/2} = FCB \left(\frac{0.9967 Bn}{Bo} + \frac{0.0033 Dn}{Do} + \frac{0.00 Cn}{Co} + \frac{0.00 Sn^{3/}}{So} + \frac{0.00 NGn}{NGo} \right)$$

$$= 419,612,293.32$$

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

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

$$= 656,778,182.61 \quad - \quad 550,800,170.00 \quad + \quad 0.00$$

$$= 105,978,012.61$$

$$APPC = PPCB \left\{ \left[0.40 + \left(\frac{0.3 USCPI_n^{3/}}{USCPI_o} \right) \right] \frac{FX_n}{FX_o} + \frac{0.3 CPI_n^{3/}}{CPI_o} \right\}$$

$$= 550,800,170.00 \left\{ \left[0.40 + \left(\frac{0.3 \times 236.151}{210.036} \right) \right] \frac{44.7334}{41.7429} + \frac{0.3 \times 140.80}{105.0} \right\}$$

$$= 656,778,182.61$$

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

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

$$= (52,886,301.68) \quad + \quad 105,978,012.61$$

$$= 53,091,710.92$$

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

$$= \frac{53,091,710.92}{642,806,087.90} = 0.0826$$

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)	53,091,710.92
Less: Previous Month FPPCA (pesos)	103,796,821.97
Net	(50,705,111.05)
Divide by Previous Month AFC + APPC (pesos)	1,127,095,586.97
Percent Change	-4.50%
Previous Month FPPCA Rate	0.0693
Increase/Decrease	(0.0031)
Current Month FPPCA Rate	0.0662

NOTES:

*Calculation is based on ERC Resolution Nos. 19 and 25 (amending Resolution No. 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 November 2014

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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