

**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 2011 - 25 November 2011

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 2,819,215,244.22 - 2,325,976,544.31 + 0.00
 = 493,238,699.91

$AFC^{/1}$ = FCB $\left[\frac{0.1751 Bn}{Bo} + \frac{0.0231 Dn}{Do} + \frac{0.1305 Cn}{Co} + \frac{0.2954 Sn}{So} + \frac{0.3759 NGn}{NGo} \right]$
 = 2,819,215,244.22

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 3,512,353,877.86 - 3,153,371,686.48 + 0.00
 = 358,982,191.39

APPC = PPCB $\left\{ \left[0.40 + \left[\frac{0.3 USCPIn}{USCPlo} \right] \right] \frac{FXn}{Fxo} + \frac{0.3 CPIn}{CPIo} \right\}$
 = 3,153,371,686.48 $\left\{ \left[0.40 + \left[\frac{0.3 \times 226.421}{210.036} \right] \right] \frac{43.4062}{41.7429} + \frac{0.3 \times 174.90}{145.1} \right\}$
 = 3,512,353,877.86

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 493,238,699.91 + 358,982,191.39
 = 852,220,891.30

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{852,220,891.30}{111,810,088.00}$
 = 7.6220

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 October 2011 - 25 November 2011

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

Current Month FPPCA(pesos)	852,220,891.30
Less: Previous Month FPPCA (pesos)	750,366,391.75
Net	<u>101,854,499.55</u>
Divide by Previous Month AFC + APPC (pesos)	6,229,714,622.54
Percent Change	<u>1.635%</u>
Previous Month FPPCA Rate	0.4246
Increase/Decrease	<u>0.0069</u>
Current Month FPPCA Rate	0.4315

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 618,168,594.84 - 486,642,765.00 + 0.00
 = 131,525,829.84

$AFC^{/1}$ = FCB $\left(\frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn}{So} + \frac{0.00 NGn}{NGo} \right)$
 = 618,168,594.84

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 798,250,779.88 - 716,665,090.00 + 0.00
 = 81,585,689.88

APPC = PPCB $\left\{ \left[0.40 + \left(\frac{3 USCPIn}{USCPlo} \right) \right] \left[\frac{FXn}{Fxo} + \frac{.3 CPIn}{CPlo} \right] \right\}$
 = 716,665,090.00 $\left\{ \left[0.40 + \left(\frac{0.3 \times 226.421}{210.036} \right) \right] \left[\frac{43.4062}{41.7429} + \frac{0.3 \times 174.90}{145.1} \right] \right\}$
 = 798,250,779.88

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 $FCA_{\text{pesos}} + PPCA_{\text{pesos}}$
 = 131,525,829.84 + 81,585,689.88
 = 213,111,519.72

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{213,111,519.72}{215,637,251.00}$
 = 0.9883

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 October 2011 - 25 November 2011	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	213,111,519.72
Less: Previous Month FPPCA (pesos)	215,888,613.15
Net	<u>(2,777,093.43)</u>
Divide by Previous Month AFC + APPC (pesos)	<u>1,419,196,468.15</u>
Percent Change	-0.196%
Previous Month FPPCA Rate	0.2362
Increase/Decrease	(0.0005)
Current Month FPPCA Rate	<u>0.2357</u>

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment
 = AFC - FCB + OFCA
 = 682,802,568.85 - 472,498,595.00 + 0.00
 = 210,303,973.85

$AFC^{/1}$ = FCB $\left(\begin{array}{l} \frac{0.9967 \text{ Bn}}{\text{Bo}} + \frac{0.0033 \text{ Dn}}{\text{Do}} + \frac{0.00 \text{ Cn}}{\text{Co}} + \frac{0.00 \text{ Sn}}{\text{So}} + \frac{0.00 \text{ NGo}}{\text{NGo}} \end{array} \right)$
 = 682,802,568.85

B. $PPCA_{\text{pesos}}$ = Purchased Power Costs Adjustment
 = APPC - PPCB + OPPCA
 = 613,503,673.33 - 550,800,170.00 + 0.00
 = 62,703,503.33

APPC = PPCB $\left\{ \left(\begin{array}{l} 0.40 + \left(\frac{3 \text{ USCPI}_{\text{In}}}{\text{USCPI}_{\text{O}}} \right) \right) \left(\frac{\text{FX}_{\text{n}}}{\text{FX}_{\text{o}}} + \frac{.3 \text{ CPI}_{\text{In}}}{\text{CPI}_{\text{O}}} \right) \right\}$
 = 550,800,170.00 $\left\{ \left(\begin{array}{l} 0.40 + \left(\frac{0.3 \times 226.421}{210.036} \right) \right) \left(\frac{43.4062}{41.7429} + \frac{0.3 \times 174.90}{145.1} \right) \right\}$
 = 613,503,673.33

C. $FPPCA_{\text{pesos}}$ = Fuel and Purchased Power Costs Adjustment
 = FCA_{pesos} + $PPCA_{\text{pesos}}$
 = 210,303,973.85 + 62,703,503.33
 = 273,007,477.18

D. $FPPCA_{\text{rate}}$ = $\frac{FPPCA_{\text{pesos}}}{\text{Sales}}$
 = $\frac{273,007,477.18}{646,894,444.00}$
 = 0.4220

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST	
Billing Period Covered: 26 October 2011 - 25 November 2011	
Per ERC Order dated 27 September 2010 under ERC Case No. 2008-019 RM	
Current Month FPPCA(pesos)	273,007,477.18
Less: Previous Month FPPCA (pesos)	232,380,197.08
Net	40,627,280.10
Divide by Previous Month AFC + APPC (pesos)	1,255,678,962.08
Percent Change	3.235%
Previous Month FPPCA Rate	0.0772
Increase/Decrease	0.0025
Current Month FPPCA Rate	0.0797

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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