

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

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

AUTOMATIC MONTHLY FUEL AND PURCHASED POWER COST ADJUSTMENT

LUZON

A. FCA_{pesos} = Fuel Cost Adjustment

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

$$= 1,921,719,159.89 \quad - \quad 2,325,976,544.31 \quad + \quad 0.00$$

$$= (404,257,384.42)$$

$$AFC^{2/} = FCB \left[\frac{0.1751 \text{ Bn}}{Bo} + \frac{0.0231 \text{ Dn}}{Do} + \frac{0.1305 \text{ Cn}}{Co} + \frac{0.2954 \text{ Sn}^{3/}}{So} + \frac{0.3759 \text{ NGr}}{NGo} \right]$$

$$= 1,921,719,159.89$$

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

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

$$= 3,790,241,773.33 \quad - \quad 3,153,371,686.48 \quad + \quad 0.00$$

$$= 636,870,086.85$$

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

$$= 3,153,371,686.48 \left\{ \left[0.40 + \left(\frac{0.3 \times 237.805}{210.036} \right) \frac{45.0654}{41.7429} \right] + \frac{0.3 \times 141.20}{105.0} \right\}$$

$$= 3,790,241,773.33$$

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

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

$$= (404,257,384.42) \quad + \quad 636,870,086.85$$

$$= 232,612,702.43$$

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

Sales

$$= \frac{232,612,702.43}{37,019,167.40}$$

$$= 37,019,167.40$$

$$= 6.2836$$

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 May 2015 - 25 June 2015

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

Current Month FPPCA(pesos)	232,612,702.43
Less: Previous Month FPPCA (pesos)	234,424,025.15
Net	<u>(1,811,322.72)</u>
Divide by Previous Month AFC + APPC (pesos)	5,713,772,255.94
Percent Change	<u>-0.03%</u>

Previous Month FPPCA Rate 0.3894

Increase/Decrease (0.0001)

Current Month FPPCA Rate 0.3893

VISAYAS

A. FCA_{pesos} = Fuel Cost Adjustment

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

$$= 355,854,858.95 \quad - \quad 486,642,765.00 \quad + \quad 0.00$$

$$= (130,787,906.05)$$

$$AFC^{1/2} = FCB \left\{ \frac{0.2041 Bn}{Bo} + \frac{0.0998 Dn}{Do} + \frac{0.5782 Cn}{Co} + \frac{0.1179 Sn^{3/}}{So} + \frac{0.00 N Gn}{NGo} \right\}$$

$$= 355,854,858.95$$

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

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

$$= 861,406,212.67 \quad - \quad 716,665,090.00 \quad + \quad 0.00$$

$$= 144,741,122.67$$

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

$$= 716,665,090.00 \left\{ \left[0.40 + \left(\frac{0.3 \times 237.805}{210.036} \right) \right] \frac{45.0654}{41.7429} + \frac{0.3 \times 141.20}{105.0} \right\}$$

$$= 861,406,212.67$$

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

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

$$= (130,787,906.05) \quad + \quad 144,741,122.67$$

$$= 13,953,216.63$$

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

$$= \frac{13,953,216.63}{39,430,053.16}$$

$$= 0.3539$$

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 May 2015 - 25 June 2015

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

Current Month FPPCA(pesos)	13,953,216.63
Less: Previous Month FPPCA (pesos)	16,117,933.37
Net	(2,164,716.75)
Divide by Previous Month AFC + APPC (pesos)	1,219,425,788.37
Percent Change	-0.18%
Previous Month FPPCA Rate	0.2027
Increase/Decrease	(0.0004)
Current Month FPPCA Rate	0.2023

MINDANAO

A. FCA_{pesos} = Fuel Cost Adjustment

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

$$= 364,237,011.49 \quad - \quad 472,498,595.00 \quad + \quad 0.00$$

$$= (108,261,583.51)$$

$$AFC^{1/2} = FCB \left(\frac{0.9967 Bn}{Bo} + \frac{0.0033 Dn}{Do} + \frac{0.00 Cn}{Co} + \frac{0.00 Sn^{3/}}{So} + \frac{0.00 N Gn}{NGo} \right)$$

$$= 364,237,011.49$$

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

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

$$= 662,042,417.02 \quad - \quad 550,800,170.00 \quad + \quad 0.00$$

$$= 111,242,247.02$$

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

$$= 550,800,170.00 \left\{ \left[0.40 + \left(\frac{0.3 \times 237.805}{210.036} \right) \right] \frac{45.0654}{41.7429} + \frac{0.3 \times 141.20}{105.0} \right\}$$

$$= 662,042,417.02$$

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

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

$$= (108,261,583.51) \quad + \quad 111,242,247.02$$

$$= 2,980,663.52$$

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

$$= \frac{2,980,663.52}{483,222,859.40}$$

$$= 0.0062$$

REVISED AUTOMATIC RECOVERY OF MONTHLY FUEL AND PURCHASED POWER COST

Billing Period Covered: 26 May 2015 - 25 June 2015

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

Current Month FPPCA(pesos)	2,980,663.52
Less: Previous Month FPPCA (pesos)	2,973,855.17
Net	6,808.35
Divide by Previous Month AFC + APPC (pesos)	1,026,272,620.17
Percent Change	0.00%
Previous Month FPPCA Rate	0.0632
Increase/Decrease	0.0000
Current Month FPPCA Rate	0.0632

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 May 2015

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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