



Registrar

National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/TRF-100/MFPA/62-79

January 3, 2017

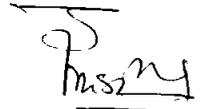
1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, Hyderabad	4.	Chief Executive Officer Islamabad Electric Supply Co. Ltd. Street # 40, Sector G-7/4, Islamabad.
5.	Chief Executive Officer, Lahore Electric Supply Company Ltd. 22-A, Queens Road, Lahore	6.	Chief Executive Officer Multan Electric Power Co. Ltd. MEPCO Headquarter, Khanewal Road, Multan
7.	Chief Executive Officer, Peshawar Electric Supply Company WAPDA House, Shami Road, Sakhi Chashma, Peshawar	8.	Chief Executive Officer Quetta Electric Supply Company Zarghoon Road, Quetta
9.	Chief Executive Officer, Sukkur Electric Power Company Ltd. (SEPCOL) Administration Block. Thermal Power Station, Old Sukkur.	10.	Chief Executive Officer Tribal Areas Electricity Supply Company Limited (TESCO) Room No. 213, 1 st Floor, WAPDA House, Shami Road, Sakhi Chashma, Peshawar

Subject: **Decision of the Authority in the matter of Fuel Charges Adjustment for the Month of November 2016 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the decision of the Authority (07 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of November 2016 along with its Notification i.e. S.R.O 02(1)/2017 dated 02.01.2017.

2. XWDISCOs are directed that while charging the fuel charges adjustment from their consumers, the Order of the Honourable Court(s), if any, be kept in mind and ensure compliance with the Order(s) of the Court(s), whatsoever, in this regard. In case of non-compliance of Courts Order the concerned DISCO shall be held responsible for violating / defying the orders of the Honourable Court(s).

Enclosure: As above (Decision alongwith Notification is also available on NEPRA's website)


03.01.17
(Syed Safer Hussain)

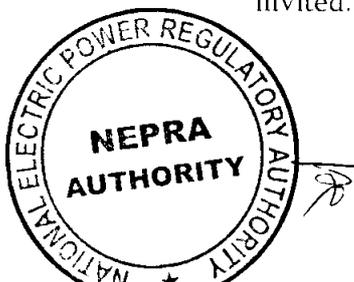
CC:

1. Secretary, Ministry of Water & Power, 'A' Block, Pak Secretariat, Islamabad.
2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. Managing Director, PEPCO, WAPDA House, Lahore.
5. Member (Power), WAPDA, WAPDA House, Lahore.
6. Managing Director, NTDC, 414 WAPDA House, Lahore.
7. Registrar, Supreme Court of Pakistan, Islamabad.
8. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited
6th Floor, Shaheed-e-Millat Secretariat, Jinnah Avenue, Blue Area, Islamabad



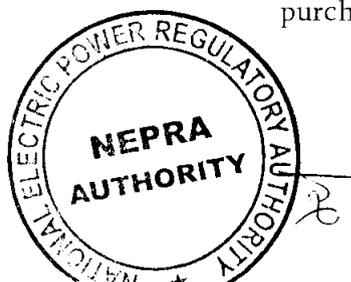
**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES
ADJUSTMENT FOR THE MONTH OF NOVEMBER 2016 FOR EX-WAPDA DISCOS**

1. Pursuant to the provisions of Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (NEPRA Act) read with the mechanism/formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs for the Financial Year 2014-15, the Authority has to make adjustments in the approved tariff on account of any variations in the fuel charges on a monthly basis.
2. In order to make adjustments in the approved tariff of the Ex-WAPDA DISCOs due to variations in the fuel charges for the month of November 2016, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
3. Notwithstanding the fact that the monthly adjustment on account of fuel charges variation is made in pursuance of the provisions of section 31(4) of the NEPRA Act as well as on the basis of a mechanism/formula already determined by the Authority in its annual tariff determinations for Ex-WAPDA DISCOS, yet the impact of such adjustments, if any, is to be paid by the consumers of electricity, therefore, the salient features and details of the proposed adjustments in the approved tariff were published in newspapers on December 19, 2016 and also uploaded on NEPRA's Website for information of all concerned.
4. In order to provide an opportunity of hearing to all concerned and to meet the ends of natural justice, the Authority decided to conduct a public hearing on the issue on December 27, 2016 at NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad. The date of hearing was mentioned in the advertisement published in newspapers and also uploaded on NEPRA's website whereby participation in the hearing and filing of comments/ objections from any interested person were invited. Separate notices were also sent to the interested / affected parties.





5. On the date fixed for the hearing, representatives from CPPA-G, National Power Control Center (NPCC), NTDC and media were present; however, no representative from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL), Ministry of Water & Power and Ministry of Finance attended the hearing despite service of notice.
6. The Authority has gone through the information provided by CPPA-G seeking monthly fuel adjustment and due diligence is done accordingly. From perusal of the information so provided by CPPA-G, the actual pool fuel charge for the month of November 2016 is Rs.3.7033/kWh, against the reference fuel cost component of Rs.7.3040/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the Ex-WAPDA DISCOs for FY 2014-15. The actual fuel charges for the month of November 2016 decreased by Rs.3.6007/kWh (Annex-I&II) as compared to the reference fuel charges.
7. The Authority noted that CPPA-G has worked out the Fuel cost of Nandipur for the month of November 2016 based on FCC of Rs.10.198/kWh, whereas the Authority's approved FCC in respect of Nandipur w.e.f. 31st March 2016 is Rs.4.9481/kWh. Accordingly, for the instant FCA adjustment of November 2016, fuel cost of Nandipur of Rs.4.9481/kWh has been used.
8. Similarly in the matter of energy supplied by Guddu (747), the CPPA-G has used FCC of Rs.5.0629/kWh, whereas the Authority's approved FCC for Guddu 747 is Rs.4.9461/kWh w.e.f. April 2016. Accordingly, for the instant FCA adjustment of November 2016, fuel cost of Guddu 747 of Rs.4.9461/kWh has been used.
9. As per details provided by CPPA-G, 14.57 GWh were purchased by XWDISCOs from small and captive power plants. CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the





actual fuel cost of this energy is Rs.103.22 million, however, the same works out to be Rs.102.44 million as per NEPRA approved rates. Accordingly for the instant adjustment, cost of Rs.102.44 million has been considered on account of fuel cost component of energy purchased from small and captive power plants.

10. CPPA-G reported NTDC transmission losses of 83.59 GWh i.e. 1.21% during November 2016, which are lower than the Authority's assessed transmission losses of 3% as per its determination dated 23.04.2015 for NTDC, notified vide SRO No. 696(I) 2015 dated 23.07.2015. Accordingly, for calculation of FCA for November 2016, actual losses of 83.59 GWh i.e. 1.21%, being lower than the Authority assessed losses, have been taken into account for the purpose of current adjustment.
11. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a decrease of Rs.3.6084/kWh in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of November 2016 as per the following details:

Actual Fuel Charges Component for November 2016	Rs. 3.6956/kWh
Corresponding Reference Fuel Charges Component	Rs. 7.3040/kWh
Fuel Price Variation for the month of November 2016-Decrease	(Rs.3.6084/kWh)

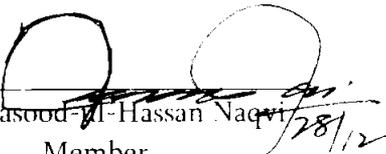
12. In view of the aforementioned, the Authority has decided that adjustment as referred to in Para 11 above:
 - a. Shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming up-to 300 units and Agriculture Consumers of all the XWDISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level.

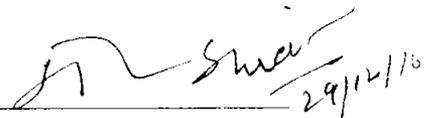




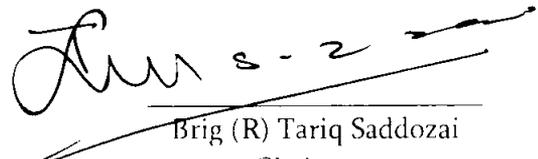
- b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of November 2016.
- c. XWDISCOs shall reflect the fuel charges adjustment in respect of November 2016 in the billing month of January 2017.
- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

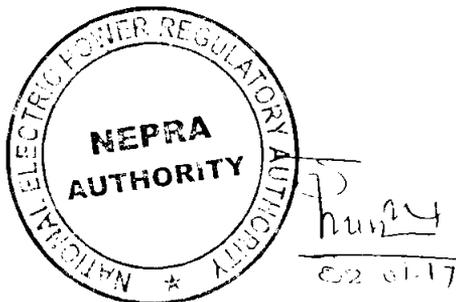
AUTHORITY


Syed Masood-ul-Hassan Naqvi
Member


Maj (R) Haroon Rashid
Member

Himayat Ullah Khan
Vice Chairman


Brig (R) Tariq Saddozai
Chairman



CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Nov/2012

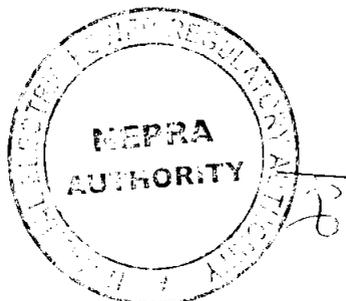
S.No	Power Producer	Fuel	Dep Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	WAPDA	Hydel	5,922.00	2,753,065,347		300,566,314	300,566,314
	Jagran	Hydel	30.00	1,610,210		3,217,200	3,217,200
	Pehure	Hydel	17.00	4,770,720		1,359,655	1,359,655
	Malakand III Sindh	Hydel	31.46	14,700,000		7,424,750	7,424,750
	Larais	Hydel	34.00	58,380,000		18,086,124	18,086,124
Hydel Total			7,115.36	2,842,526,877		330,654,043	330,654,043
EX-WAPDA GENCOs							
GENCO-I							
Jamshoro Block 1		RFO	205.00	41,132,500	402,767,216	3,804,756	406,571,972
Unit 1		Gas					0
Jamshoro Block 2		RFO	470.00	43,060,519	440,376,197	3,983,098	444,359,295
Unit 2 & 4		Gas		114,260,981	959,712,303	10,569,141	970,281,444
Jamshoro Block 3							0
Kotr-37		Gas	106.50	54,085,000	319,705,521	5,002,863	424,708,384
Jamshoro Block 4		Gas					0
Kotr-12		Gas	17.00				0
Prev. Adjustment							0
Jamshoro Total			798.50	252,539,000	2,222,561,237	23,359,858	2,245,921,095
GENCO-II							
Central Block 1		RFO					0
Guddu CC 11-13		Gas	390	69,442,822	633,735,194	4,784,610	638,518,804
Central Block 2		Gas		103,774,387	701,483,724	7,150,065	708,633,779
Guddu CC 5-10		Gas	500	68,460,307	594,156,706	4,716,915	898,873,621
Central Block 3		RFO	740	42,212,384	342,409,974	2,908,433	345,318,407
Guddu 747		Gas	747	332,100,000	1,581,388,695	99,563,580	1,780,952,276
Central Total			2,147.00	615,989,900	4,052,174,294	119,123,594	4,172,297,888
GENCO-III							
Northern Block 1		RFO	755.00	65,597,965	683,170,126	10,712,148	693,882,274
Northern Block 2		RFO	279.00	83,479,662	863,018,803	13,632,227	876,651,030
Northern Block 3		RFO	360.00	(515,256)	(5,692,037)	(84,143)	(5,776,130)
Nandipur		RFO HSD	411.35	2,541,266	25,916,689	1,289,184	27,205,872
Northern Total			1,979.35	151,103,616	1,566,413,580	25,549,416	1,591,962,996
GENCO-IV							
Total		Coal	31.20				0
GENCO-V							
Total		RFO	425.00				
COs Total			5,381.00	1,019,632,516	7,842,149,111	166,032,967	8,010,161,976
3 IPPs							
Kot Addu Block 1		RFO	325	85,905,050	596,711,374	39,266,591	635,977,985
Kot Addu Block 2		RLNG		26,608,725	174,174,894	6,985,351	181,180,245
Kot Addu Block 3		RFO	762	38,043,226	287,968,954	24,477,674	312,446,628
Kot Addu Block 4		RLNG		12,381,000	89,226,879	3,818,226	93,042,907
KAPCO Total			1,336.00	162,838,000	1,148,081,901	74,545,844	1,222,627,745
2							
Hub Power		RFO	1,200.00	413,770,600	3,344,242,805	72,451,112	3,416,893,917
Kamroad Energy		RFO	124.00	35,634,000	289,931,997	21,069,173	311,001,170
AES Lajpur		RFO	350.00	59,259,000	521,056,565	10,036,519	531,093,084
Pak Gen Power Limited		RFO	348.50	7,700	56,606	1,304	67,910
Southern Power		RFO	110.47				
Hebribullah		Gas	129.15	63,438,963	316,845,899	31,998,615	348,844,514
Fauji Kadirwala		Gas	151.20	59,256,590	417,910,585	44,039,612	461,950,117
Rousch		RLNG	395.00	239,925,465	1,662,374,959	66,747,262	1,729,122,221
Saba Power		RFO	125.56	12,930,871	113,558,909	2,191,783	115,750,692
Japan Power		RFO	107.00				
Uch		Gas	551.25	349,085,000	947,023,589	82,384,080	1,029,407,649
Athern		Gas	27.12	20,786,050	138,004,380	14,163,614	152,167,994
Liberty		Gas	211.85	144,879,100	677,919,228	45,810,771	723,729,999
Davis Energen		RLNG	10.00	7,332,576	49,060,139	3,727,148	52,787,287
Chashma Nuclear		Nucl	300.00	204,984,000	257,869,872		257,869,872
Chashma Nuclear II		Nucl	315.00	133,416,000	142,661,729		142,661,729
Tavanir Iran		Import	96.00	35,020,978	372,272,996		372,272,996
Total			6,868.19	1,942,566,883	10,399,882,079	469,166,817	10,868,048,896

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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report - Promotional
Nov 2011

Sl. No.	Power Producer	Fuel	Des. Capacity (MW)	Energy KWh	FCC Rs.	VC&M Rs.	Total Energy Cost (Rs.)
1	Attock-I	RPD	156.18	69,360,245	483,269,545	65,535,395	548,805,441
2	Atlas Power	RPD	213.86	70,303,152	550,296,853	64,605,909	614,901,762
3	Nisbat Power	RPD	195.31	61,816,023	452,982,065	57,050,008	510,032,073
4	Foundation Power	Gas	171.48	25,068,337	143,669,118	9,453,270	153,122,388
5	Oriem	Gas	212.70	43,843,542	265,863,603	6,396,773	271,450,376
		HSD					0
6	Nisbat Chuhian	RPD	195.72	73,952,330	549,132,939	68,087,910	617,220,849
7	Sarl Power	Gas	203.99	44,648,507	271,987,165	8,221,249	280,208,414
		HSD					0
8	Engro Energy	Gas	212.98	150,091,551	906,909,757	49,034,910	954,944,667
		HSD					0
9	Sapphire Power	Gas	293.17	38,852,889	235,316,115	14,053,987	249,369,202
		HSD					0
10	Hubco Rawat	RPD	213.82	80,744,567	606,373,726	79,958,331	677,332,057
11	Liberly Power	RPD	196.14	65,583,719	485,457,373	67,518,439	552,975,912
12	Halmore	Gas	199.24	78,077	522,940	28,685	551,625
		HSD					0
13	Uchail	Gas	380.75	243,451,534	1,198,628,951	53,242,850	1,251,871,801
14	JDW-I	Bagasse	26.35	13,865,709	82,947,391	8,384,356	89,311,747
15	JDW-II	Bagasse	26.35	12,947,850	77,456,628	5,943,863	83,399,591
16	RVK	Bagasse	24.01	4,318,200	29,409,691	2,256,536	31,666,227
17	Chiniot Power	Bagasse	82.40	24,285,170	145,159,100	11,137,713	158,298,813
Total			3,831.95	1,023,989,384	6,483,572,861	559,888,984	7,843,461,045
PPs Total			3,726.14	2,966,556,267	16,882,454,140	1,029,055,801	17,911,509,941
4	Others						
1	TPS-Quetta	Wind	28.00	(35,000)	(301,000)	(2,412)	-303,412
2	Zorlu	Wind	96.40	4,153,090		16,718	16,718
3	FFCEL	Wind	49.50	3,004,950			
4	TGF	Wind	43.50	4,137,300			
5	Foundation	Wind	49.50	6,256,510			
6	Sapphire Wind Power	Wind	49.50	4,628,360			
7	Younus Energy Ltd.	Wind	49.50	4,512,270			
8	Metro Wind Power	Wind	43.50	4,936,010			
9	Gul Ahmad Wind Power	Wind	43.50	4,478,810			
10	Master Wind Power	Wind	49.50	4,250,960			
11	Tenago Generals	Wind	49.50	3,247,870			
12	Tapan Wind	Wind	30.50	3,066,460			
13	Qaid-e-Azam Solar Park	Solar	100.00	11,313,390		27,984,802	27,984,802
14	Apollo Solar Park	Solar	100.00	11,425,190		28,261,350	28,261,350
15	Best Green Energy	Solar	100.00	11,430,569		28,274,633	28,274,633
16	Crest Energy	Solar	100.00	11,172,910		27,637,310	27,637,310
17	SPPs	Mixed	256.90	14,570,883	103,229,031		103,229,031
Others Total			1,213.80	106,548,023	102,928,031	112,172,401	215,100,432
Total			22,430.35	6,935,263,683	24,827,531,281	1,639,915,113	26,467,446,394
Summary							
1	Hydel			2,842,526,877		339,654,043	330,654,843
2	Coal						0
3	HSD						0
4	F.O			1,345,019,501	11,933,915,779	599,496,352	11,632,512,130
5	Gas			1,925,579,628	19,508,672,394	499,612,248	11,099,284,643
6	RLNG			286,147,756	1,974,836,671	81,275,989	2,966,112,660
6	Nuclear			338,400,000	400,531,601		409,531,601
7	Import from Iran			35,020,978	372,272,996		372,272,996
8	Wind Power			46,670,290		16,718	16,718
9	Solar			45,342,050		112,158,095	112,168,095
10	Bagasse			55,994,920	334,972,810	25,701,868	360,674,478
11	Mixed			14,570,883	103,229,031		103,229,031
Total For The month				6,935,263,683	24,827,531,281	1,639,915,113	26,467,446,394
Prev. Adjustment:					683,812,734	5,222,254	689,034,988
Grand Total				6,935,263,683	25,511,344,015	1,645,137,366	27,166,481,382
Energy Sale Price							
Energy Cost (Rs.)				25,511,344,015	1,645,137,366		27,156,481,382
Cost not chargeable to DISCOs (Rs.)				180,931,823			180,931,823
EPP (Chargeable) (Rs.)				25,330,412,193	1,645,137,366		28,975,549,559
Energy Sold (KWh)				8,839,928,973	8,839,928,973		8,839,928,973
Avg. Rate (Rs./KWh)				3.703315	0.240520		3.943835



ACTUAL

ANNEX-II

Source Wise Generation						
Sources	NOVEMBER 2015		NOVEMBER 2016			
	Actual		Reference		Actual	
	GWh	%	GWh	%	GWh	%
Hydel	2,302.36	34.25%	2,508.73	33.61%	2,842.53	40.99%
Coal	6.58	0.10%	6.14	0.08%	-	0.00%
HSD	28.40	0.42%	125.53	1.68%	-	0.00%
RFO	1,856.25	27.61%	2,527.66	33.86%	1,345.02	19.39%
Gas/ RLNG	2,188.00	32.55%	1,799.92	24.11%	2,211.72	31.89%
RLNG		0.00%		0.00%	-	0.00%
Nuclear	219.16	3.26%	361.78	4.85%	338.40	4.88%
Import Iran	34.45	0.51%	34.40	0.46%	35.02	0.50%
Mixed	12.26	0.18%	86.18	1.15%	14.57	0.21%
Wind	45.74	0.68%	12.64	0.17%	46.67	0.67%
Baggasse	18.49	0.28%	1.90	0.03%	55.99	0.81%
Solar	10.45	0.16%	-	0.00%	45.34	0.65%
Total	6,722.13	100.00%	7,464.86	100.00%	6,935.26	100.00%
Sale to IPPs	(7.85)	-0.12%		0.00%	(11.75)	-0.17%
Transmission Losses	(173.98)	-2.59%	(223.95)	-3.00%	(83.59)	-1.21%
Net Delivered	6,540.30	97.30%	7,240.92	97.00%	6,839.93	98.63%

Source Wise Fuel Cost/Energy Purchase Price

Sources	NOVEMBER 2015		NOVEMBER 2016			
	Actual		Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-	-	-
Coal	29.59	4.4998	22.17	3.6118	-	-
HSD	354.47	12.4810	2,429.28	19.3522	-	-
RFO	13,795.31	7.4318	39,339.88	15.5638	11,033.02	8.2029
Gas/RLNG	12,583.36	5.7511	9,366.86	5.2040	12,584	5.6895
RLNG		-		-	-	-
Nuclear	246.56	1.1250	478.33	1.3221	400.53	1.1836
Import Iran	361.77	10.5000	362.95	10.550	372.27	10.6300
Mixed	90.76	7.4035	877.29	10.18005	103.23	7.0847
Wind	-	-	-	-	-	-
Baggasse	68.93	3.7288	10.9472	5.7702	334.97	5.9822
Solar	-	-	-	-	-	-
Total	27,530.74	4.0955	52,887.69	7.0849	24,827.53	3.5799
Supplemental Charges	6,838.49	1.0173		-	683.81	0.0986
Sale to IPPs	(109.21)	(13.9120)		-	(180.93)	(15.3994)
Grand Total	34,260.03	5.0966	52,887.69	7.0849	25,330.41	3.6524
Transmission Losses	-	0.1417		0.2191		0.0509
Net Total	34,260.03	5.2383	52,887.69	7.3040	25,330.41	3.7033

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the January 2, 2017

S.R.O. 07 (I)/2017: -- Pursuant to Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority makes and notifies the following adjustment in the approved tariff on account of variation in fuel charges for the month of November 2016 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

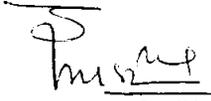
Actual Fuel Charges Component for November 2016	Rs. 3.6956/kWh
Corresponding Reference Fuel Charges Component	Rs. 7.3040/kWh
Fuel Price Variation for the month of November 2016 - (Decrease)	(Rs. 3.6084/kWh)

Note: The Authority has reviewed and assessed a decrease of (Rs. 3.6084/kWh) in the applicable tariff for XWDISCOs on account of variation in the fuel charges for the month of November 2016 as per the above details.

2. The above adjustment a decrease of (Rs.3.6084/kWh) shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming upto 300 units and agriculture consumers of all the XWDISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level.

3. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of November 2016 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of November 2016 in the billing month of January 2017.

4. While affecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.


02.01.17
(Syed Safer Hussain)
Registrar

