



National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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Registrar

No. NEPRA/R/TRF-100/MFPA/7550-67

April 30, 2019

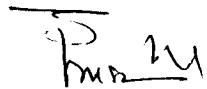
1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, 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 March 2019 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the decision of the Authority (08 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of March 2019 along with its Notification i.e. S.R.O. 498(I)/2019 dated 30.04.2019.

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)


(Syed Safer Hussain)

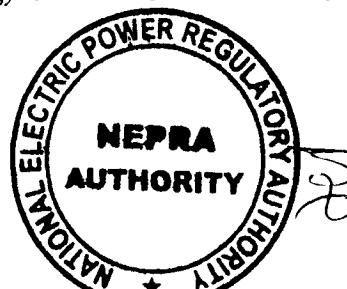
CC:

1. Secretary, Ministry of Energy (Power Division), '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, 721 - 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, Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad.

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**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT
FOR THE MONTH OF MARCH 2019 FOR EX-WAPDA DISCOS**

1. Pursuant to the provisions of Section 31(7) 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 FY 2017-18 and notified in the official gazette, 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 March 2019, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
3. 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 cost for the month of March 2019 is Rs.5.1591/kWh, against the reference fuel cost component of Rs.5.0010/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2017-18. The actual fuel charges, as reported by CPPA-G, for the month of March 2019 increased by Rs.0.1581/kWh (**Annex-I**) as compared to the reference fuel charges.
4. Notwithstanding the fact that the monthly adjustment on account of fuel charges variation is made in pursuance of the provisions of section 31(7) 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 in order to meet the ends of natural justice and to arrive at an informed decision, the Authority decided to conduct a hearing in the matter. The advertisement for hearing along-with salient features and details of the proposed adjustments, in the approved tariff, were published in newspapers on April 18, 2019 and also uploaded on NEPRA's Website for information of all concerned.
5. The Authority conducted the hearing in the matter on April 24, 2019 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/affected person were invited. Separate notices were also sent to the interested / affected parties.
6. On the date fixed for the hearing, representatives from CPPA-G, National Power Control Center (NPCC), NTDC, General Public 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 Energy and Ministry of Finance attended the hearing despite service of notice.
7. The Authority noted that as per the data submitted by CPPA-G, XWDISCOs purchased 33.66 GWh from Captive Power Plants (CPPs) during March 2019. 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.229.20 million. However, the same as per



the NEPRA rates, works out as Rs.229.07 million, which has been considered while working out the FCA of March 2019.

8. It is also pertinent to mention that CPPA-G has reported negative energy from some of these Captive power plants (CPPs), during March 2019, meaning thereby that these CPP have drawn energy from the grid. The total energy drawn by these CPPs during March 2019 is around 66,326 kWh, however, CPPA-G only reported a negative cost of Rs. 366,493 @ Rs.6.29/kWh (being the rate paid to CPPs) for the Tando Allah Yar Plant. In view thereof, an additional amount of Rs.2.65 million has been deducted from the total fuel cost of March 2019, based on the rates charged by CPPA-G for sale of electricity to IPPs, during this month.
9. Further, fuel cost of the following power plants has also been adjusted being not as per the rates approved by the Authority for the month of March 2019;

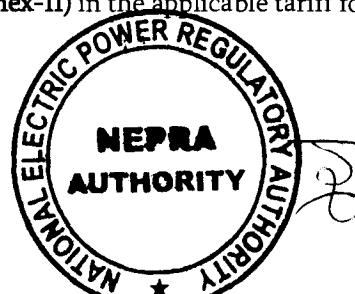
Power Plant	Energy GWh	Claimed FCC Rs./kWh with KL & DH factor	Claimed Amount Rs. Mln	Approved Avg. Rate With factors Rs./kWh	Allowed Amount Rs. Mln	Adjustment Rs. Mln
Orient	67	11.309	753	10.7640	717	(36)
Saif	62	11.039	686	10.4206	648	(38)
Saphire	64	11.013	699	10.4826	666	(34)
Halmore	55	10.919	604	10.3950	575	(29)
QATPL	149	8.996	1,345	8.5243	1,274	(70)
HBS	662	8.874	5,871	8.4660	5,601	(270)
Baloki	544	9.093	4,943	8.6716	4,714	(229)
Total	1,602		14,901		14,194	(707)

10. CPPA-G also claimed around Rs.1,078 million on account of previous adjustments & supplemental charges during the month of March 2019 as detailed below;

Previous Adjustments	Amount
CPGCL	1,909.34
NPGCL	(989.72)
Nishat Power	(0.34)
Saif	23.28
Liberty Power	(0.33)
Al Moiz Industries	43.36
Pak Gen	(0.66)
Supplemental charges	93.62
Total	1,078.54



11. Regarding adjustment of Rs.1,909.34 million claimed for JPCL, owing to revision in gas wellhead price by OGRA from July to December 2018, the Authority, based on the workings submitted by CPPA-G and the amount already allowed on account of energy delivered by JPCL during this period, has verified an amount of Rs. 1,328 million and the same has been considered in the instant FCA of March 2019.
12. Regarding adjustment of Rs.23.28 million for Saif Power, the said amount had already been disallowed by the Authority in the FCA of January 2019, however, CPPA-G again has included the same in the instant FCA of March 2019, without any justification. The said amount being not admissible has not been considered for the FCA of March 2019.
13. The remaining previous adjustments/ supplemental charges, being justified, have been allowed in the FCA of March 2019.
14. Upon inquiry from the Authority regarding underutilization of efficient power plants, the representative of NPCC submitted that certain efficient power plants remained on forced outages during March 2019. Further, on the point of Automation of data/ invoices from IPPs/ generators, the representative from CPPA-G submitted that the same is under trial run and will be implemented subsequently.
15. CPPA-G reported NTDC transmission losses of 136.90 GWh during March 2019, however, the reported loss figure works out as 236.90 GWh, as generation from Haveli Bahadurshah power plant was understated by 100 GWh in the FCA data. NTDCL, through its metering data, reported T&T losses of 213.45 GWh i.e. 2.87% during March 2019 based on energy of 7,421 GWh transmitted through NTDCL network at 500kV and 220kV level.
16. As per the determination of NTDCL, for the FY 2015-16 & FY 2016-17 dated April 11, 2017, notified vide SRO No. 721 (I)/2018 dated July 27, 2017, the Authority has determined annual losses target of 2.80% for NTDCL for its 500 KV and 220 KV network only.
17. The losses reported by NTDCL for March 2019 are 2.87% based on the energy delivered through NTDCL system, which results in accumulative losses of NTDCL from July 2018 to March 2019 as 2.81% based on allowed losses from July 2018 to March 2019, which are higher than the allowed threshold of 2.80%. Accordingly, for working out the FCA for March 2019, losses of 2.80% have been considered to ensure overall allowed threshold of 2.80% to NTDCL.
18. The Authority also in its previous FCA decisions had been directing CPPA-G to provide the monthly FCA data on a specified format in addition to the format on which CPPA-G is currently submitting its FCA requests. However, the same has not been provided with current monthly FCA data. The Authority again directs CPPA-G to submit the monthly FCA data on the specified format in addition to the format on which CPPA-G is currently submitting its FCA requests.
19. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a decrease of Rs.0.0372/kWh (**Annex-II**) in the applicable tariff for XWDISCOs on




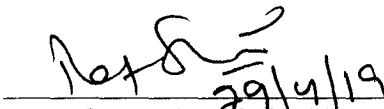
account of variations in the fuel charges for the month of March 2019 as per the following details:

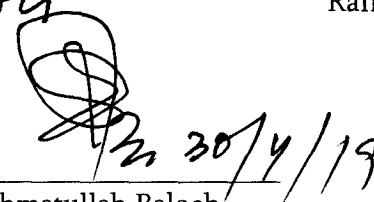
Actual Fuel Charges Component for March 2019	Rs.4.9638/kWh
Corresponding Reference Fuel Charges Component	Rs.5.0010/kWh
Fuel Price Variation for the month of March 2019-Decrease	(Rs.0.0372/kWh)

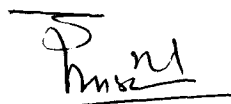
20. In view of the aforementioned, the Authority has decided that adjustment as referred to in Para 19 above;
- Shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming up-to 300 units and Agriculture Consumers of all the XWDISCOs. It is hereby clarified 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.
 - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of March 2019.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of March 2019 in the billing month of May 2019.
 - 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.

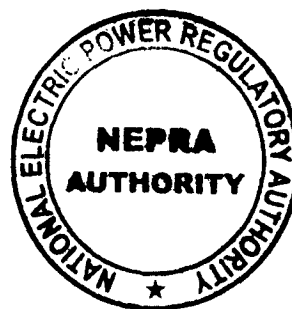
AUTHORITY


Saif Ullah Chattha 29.4.2019
Member


Rafique Ahmed Shaikh 29/4/19
Member

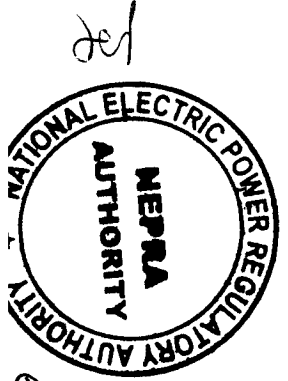

Rehmatullah Baloch 30/4/19
Vice Chairman


30.04.19



CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of March 2019

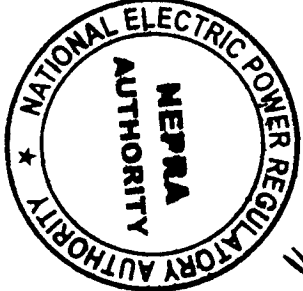
S.M. Co.	Power Producer	Fuel	Dep. Capacity (MW)	Energy MWh	Fuel Charges R/	VOAM Charges R/	EP Billing month (R/)	Prev. Adjustment in Fuel (R/)	Prev. Adjustment in VOAM (R/)	Prev. Adjustment in EP Total R/	Supp. Charges	Total Fuel Cost R/	Total VOAM R/	Total Energy Cost (R/)
3	IPP													
1	Kol Abdu Block 1	RFO	325	438,500	5,082,370	283,027	5,345,397					5,942,370	283,027	6,225,397
		HSD		10,824,300	112,482,895	3,743,059	116,145,954					112,482,895	3,743,059	116,145,954
	Kol Abdu Block 2	RFO	762											
		RFO												
		HSD												
	Kol Abdu Block 3	RFO	249											
		RFO												
		HSD												
		HSD												
	KAPCO Total		1,338	11,281,800	717,485,265	4,006,088	721,491,353					117,485,265	4,006,088	121,491,353
2	Hob Power	RFO	1,200											
3	Kohinoor Energy	RFO	1,200											
4	MES Lajpur	RFO	360											
5	Pak Gen Power Limited	RFO	349											
6	Habibullah	RFO	129											
7	Fajal Refinery	RFO	151											
8	Rouach	RFO	385											
9	Saba Power	RFO	126											
10	Libby	RFO	551											
11	Libby	RFO	27											
12	Libby	RFO	212											
13	Chashma Nuclear	Gas	300											
14	Chashma Nuclear	Gas	300											
15	Chashma Nuclear	Gas	300											
16	Chashma Nuclear	Gas	300											
17	Chashma Nuclear	Gas	300											
18	Chashma Nuclear	Gas	300											
19	Chashma Nuclear	Gas	300											
20	Tarapur B	Import	340											
		Import	26											
	Sub-Total		6,588	1,536,978,532	4,974,628,070	228,639,441	5,203,267,511	(863,942)	5,097,921,512	(863,942)	93,617,943	5,097,921,512	228,639,441	5,296,271,512
1	Abdool-Gani	RFO	158											
2	Abba Power	RFO	214											
3	Abdool-Gani	RFO	175											
4	Foundation Power	RFO	196											
5	Owari	RFO	213											
6	Mihail Chumlin	RFO	198											
7	Saba Power	RFO	204											
8	Empo Energy	RFO	213											
9	Saphire Power	RFO	203											
10	Habco Nuclear	RFO	214											
11	Libby Power	RFO	196											
12	Habco	RFO	199											
13	Libby	RFO	381											
14	LDW-4	RFO	26											
15	LDW-4	RFO	26											
16	RVK	RFO	24											
17	Chinnel Power	RFO	62											
18	Fajal Energy	RFO	119											
19	Hemo Sugar Mills	RFO	15											
20	Almond Industries Limited	RFO	113											
21	Chashma Energy Limited	RFO	41											
22	Layyah Sugar Mills	RFO	24											
23	CAITL	RFO	1,180											
24	Hevel Beharur Shah	RFO	1,230											
25	Coal Fire Power Plant	RFO	1,320											
27	Rehman	RFO	97											
28	Bahel	RFO	1,320											
29	Post-Qaim	RFO	1,320											
	Sub-Total		16,186	3,174,272,489	26,241,216,697	1,544,485,532	32,760,940,079	65,964,444	5,760,207	71,024,723	93,617,943	31,374,793,183	1,551,417,521	32,627,287,224



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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of March 2019

SL No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOLM Charges Rs.	EPB Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOLM (Rs.)	Prev. Adjustment in EPB Total (Rs.)	Supp. Charges	Total Fuel Cost Rs.	Total VOLM Rs.	Total Energy Cost (Rs.)
4	Others													
1	Tris Quartz	Gas	25	(37,000)		(318,200)	(318,200)							(318,200)
2	Zoru	Wind	56	6,528,910		43,078	43,078							43,078
3	FFCEL	Wind	50	4,782,430										
4	TOF	Wind	50	6,045,400										
5	Foundation	Wind	99	12,319,330										
6	Sapphire Wind Power	Wind	50	6,431,450										
7	Yonnu Energy Ltd.	Wind	50	7,452,230										
8	Harro Wind Power	Wind	50	8,234,280										
9	Gul Ahmed Wind Power	Wind	50	7,687,750										
10	Master Wind Power	Wind	50	6,755,810										
11	Temple Generator	Wind	50	6,501,040										
12	Tejpal Wind	Wind	31	4,583,750										
13	HOPEL Wind	Wind	50	6,314,190										
14	SEDL Wind	Wind	50	7,301,711										
15	UEPL Wind	Wind	99	14,184,246										
16	Quid-e-Aam Solar Park	Solar	52	15,600,020										
17	Agrocity Solar Park	Solar	100	15,600,020										
18	Best Green Energy	Solar	100	15,600,020										
19	Coast Energy	Solar	100	15,687,530										
20	Parvaz	Solar	18	2,914,460										
21	AI Solar	Solar	18	2,681,740										
22	Shreeji Wind	Wind	50	10,685,720										
23	Shreeji Wind	Wind	50	9,091,980										
24	Shreeji Wind	Wind	50	8,401,480										
25	TOI	Wind	50	8,091,802										
26	TOI	Wind	50	7,748,178										
27	Trocon Beaton-A	Wind	50	9,318,978										
28	Trocon Beaton-B	Wind	50	9,344,311										
29	Trocon Beaton-C	Wind	50	9,480,895										
30	ZEPHUR Wind	Wind	50	8,159,485										
31	SPPs	Mixed	257	33,860,773	228,204,953		228,204,953					228,204,953		228,204,953
	Sub-Total		1,847	287,347,950	228,204,953	(215,222)	228,204,953	984,922,760	347,890,072	1,332,782,772	93,617,943	38,177,138,586	2,375,605,548	41,552,742,114
	G-TOTAL:		30,590	7,621,300,833	30,096,958,683	2,027,745,536	40,126,347,939	984,922,760	347,890,072	1,332,782,772	93,617,943	38,177,138,586	2,375,605,548	41,552,742,114
	GRAND TOTALS:			7,621,300,833	7,621,300,833	2,027,745,536	40,126,347,939	984,922,760	347,890,072	1,332,782,772	93,617,943	38,177,138,586	2,375,605,548	41,552,742,114
	Totals For The Month			7,621,300,833	7,621,300,833	2,027,745,536	40,126,347,939	984,922,760	347,890,072	1,332,782,772	93,617,943	38,177,138,586	2,375,605,548	41,552,742,114
	Prev. Adjustments:													
	Energy Cost (Rs.)													
	Cost not chargeable to DISCOs (Rs.)													
	EPB (Chargeable) (Rs.)													
	Energy Sold (kWh)													
	Avg. Rate (Rs./kWh)													
	Reference Rate (Rs./kWh)													
	FCA Rate (Rs./kWh)													



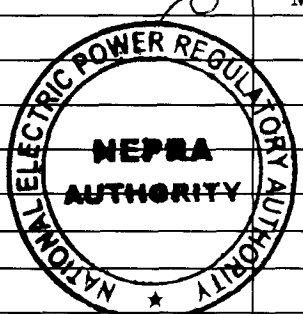
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Annex-II

Source Wise Generation				
Sources	MARCH 2019			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	1,750.02	18.66%	1,601.12	20.74%
Coal	1,580.06	16.84%	1,068.76	13.84%
HSD	(0.02)	0.00%	-	0.00%
RFO	-	0.00%	40.29	0.52%
Gas/ RLNG	1,948.97	20.78%	1,832.86	23.74%
RLNG	2,647.36	28.22%	1,883.76	24.40%
Nuclear	823.91	8.78%	877.65	11.37%
Import Iran	38.72	0.41%	34.21	0.44%
Mixed	50.21	0.54%	33.66	0.44%
Wind	175.41	1.87%	186.82	2.42%
Baggasse	298.51	3.18%	95.28	1.23%
Solar	67.38	0.72%	66.90	0.87%
Total	9,380.54	100.0%	7,721.31	100.0%
Sale to IPPs	-	0.00%	(13.99)	-0.18%
Transmission Losses	(253.28)	-2.70%	(207.78)	-2.69%
Net Delivered	9,127.26	97.3%	7,499.53	97.13%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	FEBRUARY 2019			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	9,003.11	5.6980	7,454.43	6.9749
HSD	-	-	-	-
RFO	-	-	457.63	11.3594
Gas	8,162.83	4.1883	10,565.10	5.7643
RLNG	24,896.45	-	16,860.54	8.9505
Nuclear	823.16	0.9991	891.22	1.0155
Import Iran	408.46	10.5500	395.90	11.5709
Mixed	511.16	10.1801	226	6.7265
Wind	-	-	-	-
Baggasse	1,840.59	6.1658	537.69	5.6433
Solar	-	-	-	-
Total	45,645.76	4.8660	37,388.91	4.8423
Supplemental Charges	-	-	474.47	0.0614
Sale to IPPs	-	-	(636.84)	(45.5106)
Grand Total	45,645.76	4.8660	37,226.54	4.8213
Transmission Losses	-	0.1350	-	0.1426
Net Total	45,645.76	5.0010	37,226.54	4.9638



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**To Be Published in
Official Gazette of Pakistan Part-II**

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the April 30, 2019

S.R.O. *498* (I)/2019: – Pursuant to Section 31(7) 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 variations in fuel charges for the month of March 2019 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual Fuel Charges Component for March 2019	Rs. 4.9638/kWh
Corresponding Reference Fuel Charges Component	Rs. 5.0010/kWh
Fuel Price Variation for the month of March 2019 - (Decrease)	(Rs.0.0372/kWh)

Note: The Authority has reviewed and assessed a decrease of (Rs. 0.0372/kWh) in the applicable tariff for XWDISCOs on account of variation in the fuel charges for the month of March 2019 as per the above details.

2. The above adjustment a decrease of (Rs. 0.0372/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 March 2019 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of March 2019 in the billing month of May 2019.
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.

Syed Safeer Hussain
30 04 19.
(Syed Safeer Hussain)
Registrar

M. A. T.

Hussain