



**Registrar**

# National Electric Power Regulatory Authority

## Islamic Republic of Pakistan

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad  
Ph: +92-51-9206500, Fax: +92-51-2600026  
Web: www.nepra.org.pk, E-mail: registrar@nepra.org.pk

No. NEPRA/R/TRF-100/MFPA/11481-99

August 03, 2015

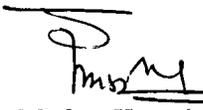
1. Chief Executive Officer, FESCO, Faisalabad.
2. Chief Executive Officer, GEPCO, Gujranwala.
3. Chief Executive Officer, HESCO, Hyderabad.
4. Chief Executive Officer, IESCO, Islamabad.
5. Chief Executive Officer, LESCO, Lahore.
6. Chief Executive Officer, MEPCO, Multan.
7. Chief Executive Officer, PESCO, Peshawar.
8. Chief Executive Officer, QESCO, Quetta.
9. Chief Executive Officer, SEPCO, Sukkur.
10. Chief Executive Officer, TESCO, Peshawar.

Subject: **Decision of the Authority in the matter of Fuel Charges Adjustment for the Month of May 2015 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 May 2015 alongwith its Notification i.e. S.R.O 739(1)/2015 dated 03.08.2015.

2. XWDISCOs are directed that while charging the fuel charge 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 ) 03 08. 15

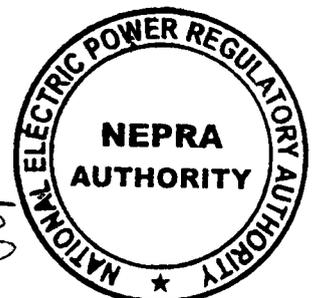
CC:

1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
2. Secretary, Ministry of Water & Power, 'A' Block, Pak 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 Operating Officer, CPPA-G, WAPDA House, Lahore.
9. General Manager, WAPDA Power Privatization Organization (WPPO) of NTDC, Lahore.



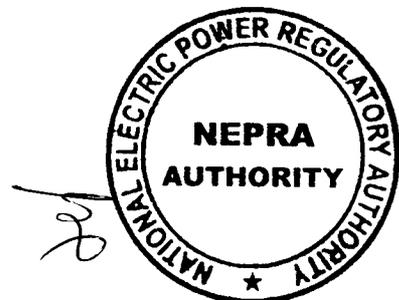
**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES  
ADJUSTMENT FOR THE MONTH OF MAY 2015 FOR EX-WAPDA DISCOS**

1. Pursuant to the provisions of Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (XL of 1997) read with the mechanism/formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs for the Financial Year 2013-14, 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 XWDISCOs due to variations in the fuel charges for the month of May 2015, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency (CPPA).
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 Act XL of 1997 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 July 11, 2015 and also uploaded on NEPRA's Website for information of all concerned. 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 July 16, 2015 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.





4. On the date fixed for the hearing, representatives from Central Power Purchasing Agency (CPPA), National Transmission and Dispatch Company (NTDC), National Power Control Cell (NPCC), WAPDA Power Privatization Organization (WPPO) and media were present; however, no representative from 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.
5. The Authority has gone through the information provided by CPPA seeking monthly fuel adjustment and due diligence is also done accordingly. From perusal of the information so provided by CPPA, it has been observed that the actual pool fuel charge for the month of May 2015 is Rs. 4.8087/kWh, against the reference fuel cost component of Rs. 8.0982/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the Ex-WAPDA DISCOs for FY 2013-14. The actual fuel charges for the month of May 2015 decreased by Rs. 3.2895/kWh (Annex-I&II) as compared to the reference fuel charges.
6. As per details provided by CPPA, 60.435 GWh were purchased by DISCOs from small and captive power plants. CPPA provided actual details of energy purchased from these plants. According to the details provided by CPPA, the actual fuel cost of this energy is Rs. 407.528 million, however, the same works out to be Rs. 407.350 million a per NEPRA approved rates. Accordingly for the instant adjustment, cost of Rs. 407.350 million has been considered on account of fuel cost component of energy purchased from small and captive power plants.
7. CPPA reported NTDC transmission losses of 254.389 GWh (2.66%) during May 2015, which are lower than the Authority's assessed transmission losses of 3% as per its determination dated 19.07.2013 in the matter of NTDC, notified vide SRO No. 886(I) 2013 dated 24.09.2013. Accordingly, actual losses i.e. 254.389 GWh (2.66%)



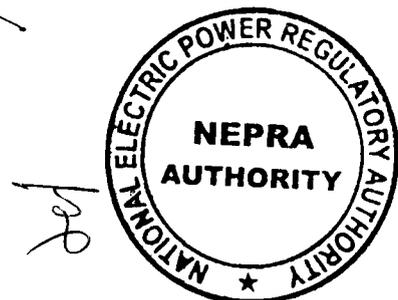


incurred by CPPA, being lower than the Authority assessed losses, have been taken into account for the purpose of current adjustment.

8. Further, the Authority as per its decision in the matter of Gas Infrastructure Development Cess (GIDC) issued vide No. NEPRA/TRF-72/EPQL-2007/9672-9674 dated June 25, 2015, has adjusted the remaining amount of Rs. 5,600 Million, on account of arrears of GIDC, from the current month's fuel charges adjustment.
9. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a decrease of Rs. 2.6872/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variations in the fuel charges for the month of May 2015 as per the following details:

Actual Fuel Charges Component for May 2015	Rs. 5.4110/kWh
Corresponding Reference Fuel Charges Component	Rs. 8.0982/kWh
Fuel Price Variation for the month of May 2015 - Decrease	(Rs. 2.6872/kWh)

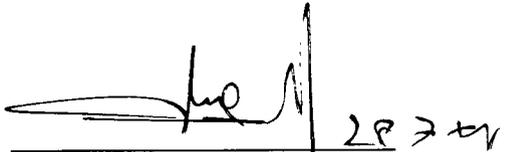
10. In view of the aforementioned, the Authority has decided that adjustment as referred to in Para 9 above ;
  - a. shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming up-to 300 units and Agriculture Consumers of all the DISCOs;
  - b. shall be shown separately in the consumers' bill on the basis of units billed to the consumers in the month of May 2015.

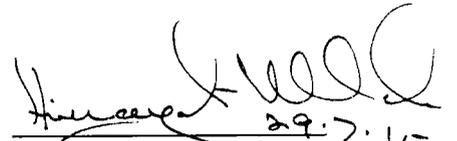


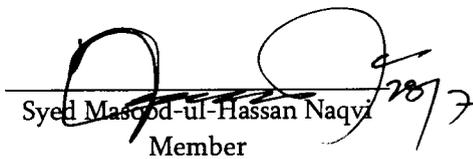


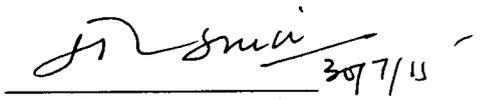
- c. DISCOs shall reflect the fuel charges adjustment in respect of May 2015 in the billing month of September 2015.
- d. While affecting the Fuel Adjustment Charges, the concerned DISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

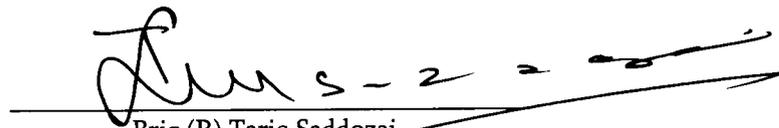
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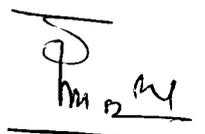
  
Khawaja Muhammad Naeem  
Member

  
Nimayat Ullah Khan  
Member

  
Syed Masood-ul-Hassan Naqvi  
Member

  
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Vice Chairman

  
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Chairman

  
03.08.15



CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
May-2015

S.No	Power Producer	Fuel	Dep Capacity (MW)	Energy Kwh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)		
1	Hydel	WAPDA	6,902.00	3,248,490,013	-	282,193,079	282,193,079		
		Jagran	30.00	16,185,510	-	32,338,849	32,338,849		
		Pehure	17.90	5,532,840	-	1,576,859	1,576,859		
		Malakand-III SHYDO	81.46	50,891,000	-	12,722,750	12,722,750		
		Leraib	84.00	56,611,000	-	10,988,195	10,988,195		
Hydel Total:			7,115.42	3,377,710,363	-	339,819,532	339,819,532		
2	Ex-WAPDA GENCOs								
	GENCO-I								
	Jamshoro Block 1	RFO	205.00	74,660,000	826,892,196	6,924,550	833,816,746		
	Jamshoro Block 2	RFO	470.00	166,286,331	1,995,435,883	15,381,486	2,810,817,369		
	Unit 2-4	Gas	-	105,517,068	733,333,569	9,760,329	743,093,898		
	Kotri 3-7	Gas	106.50	46,946,700	329,189,388	4,342,570	333,511,938		
	Jamshoro Total:			798.50	393,610,100	3,884,831,016	36,408,934	3,927,239,950	
	GENCO-II								
	Central Block 2	Gas	390	211,172,261	1,177,665,465	14,549,769	1,192,215,234		
	Guddu CC 6-10	Gas	530	2,801,538	23,435,434	193,026	23,628,460		
	Guddu 747	Gas	747	431,489,145	1,897,429,482	118,918,408	2,816,347,900		
	Central Total:			2,147.00	645,482,945	3,098,530,391	133,681,203	3,232,191,594	
	GENCO-III								
	Northern Block 1	RFO	558.00	313,856,453	3,582,929,598	7,846,411	3,800,776,010		
	Northern Block 2	RFO	270.00	38,856,359	440,602,850	971,409	441,574,259		
	Northern Block 3	RFO	360.00	190,276,383	2,453,577,104	4,756,910	2,458,334,013		
	GTPS FSD 5-9	Gas	117.00	6,349,039	32,095,027	158,726	32,253,753		
	GTPS FSD 1-4	Gas	75.00	324,961	2,937,225	8,124	2,945,349		
	Northern Total:			1,568.00	549,663,195	6,522,141,804	12,741,580	6,535,683,384	
	GENCO-IV								
		Coal	31.20	-	-	-	-	0	
	Total:			31.20	-	-	-	-	
	GENCO-V								
	Nandipur	RFO	425.00	34,648,000	449,628,673	24,509,995	474,138,668		
	Total:			425.00	34,648,000	449,628,673	24,509,995	474,138,668	
GENCOs Total -			4,969.70	1,823,384,240	13,956,131,884	208,321,712	14,183,463,597		
3	IPPs								
	1	Kot Addu Block 1	RFO	-	196,435,725	1,641,741,281	97,058,077	1,738,799,358	
			Gas	328	36,385,700	342,852,382	17,801,717	360,354,099	
			HSD	-	319,500	4,011,747	158,273	4,168,020	
			Kot Addu Block 2	RFO	782	257,058,725	2,398,172,516	125,731,521	2,523,904,039
				Gas	-	118,820,925	1,232,370,578	58,019,366	1,290,389,965
			Kot Addu Block 3	Gas	-	36,618,610	403,789,590	17,909,768	421,699,358
	HSD	249		10,168,815	153,876,152	4,973,730	158,849,882		
	KAPCO Total:			1,336.00	857,618,000	6,176,514,251	321,650,470	6,498,164,721	
	2	Hub Power	RFO	1,200.00	568,427,000	5,587,044,797	103,817,782	6,690,862,579	
	3	Kohinoor Energy	RFO	124.00	74,058,000	863,470,966	42,507,268	706,978,234	
	4	AES Lalpur	RFO	350.00	163,505,300	1,326,470,919	28,662,397	1,353,353,316	
	5	Pak Gen Power Limited	RFO	348.60	-	-	-	-	
	6	Southern Power	RFO	110.47	-	-	-	-	
	7	Habibullah	Gas	129.15	78,489,185	304,268,327	33,043,331	337,309,658	
	8	Fauji Kadirwah	Gas	151.20	95,467,520	406,405,399	68,874,120	477,279,519	
	9	Rousch	Gas	395.00	288,248,509	1,420,493,432	77,465,365	1,497,978,797	
	10	Saba Power	RFO	125.55	-	-	-	-	
11	Japan Power	RFO	197.00	-	-	-	-		
12	Uch	Gas	551.25	372,448,000	861,332,402	85,365,082	1,046,697,484		
13	Allam	Gas	27.12	8,746,220	30,587,503	4,438,338	35,025,841		
14	Liberty	Gas	211.85	141,360,200	1,501,414,462	44,962,996	1,546,367,478		
15	Davis Engen	Gas	10.00	7,289,000	33,394,554	3,638,810	36,933,364		
16	Chashma Nuclear	Nucl	300.00	221,391,000	274,524,640	-	274,524,640		
17	Chashma Nuclear-II	Nucl	315.00	223,941,000	261,933,625	-	261,933,625		
18	Tavakir Iron	Import	98.00	42,737,751	435,925,060	-	435,925,060		
Sub-Total:			5,888.19	2,939,724,685	19,375,700,557	812,555,959	28,188,334,516		



**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**May-2015**

S.No	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	156.18	92,336,135	817,769,209	81,643,611	899,412,820
2	Atlas Power	RFO	213.66	114,749,856	977,453,721	99,832,375	1,077,286,098
3	Nishat Power	RFO	195.31	105,917,585	969,062,809	92,148,299	1,061,211,108
4	Foundation Power	Gas	171.48	111,314,744	630,092,383	39,594,654	669,687,037
5	Ornat	Gas	212.70	124,806,439	1,059,730,596	25,344,950	1,085,075,546
6	Nishat Chunian	RFO	191.7	116,462,116	1,089,260,168	101,077,470	1,190,337,638
7	Saf Power	HSD	205.27	41,120,651	573,016,697	20,539,765	593,556,462
8	Engro Energy	Gas	212.98	97,838,477	494,321,175	30,721,282	525,042,457
9	Sapphire Power	Gas	203.17	103,090,101	878,708,666	35,277,433	913,986,099
10	Mubce Narowal	RFO	213.82	107,400,326	928,070,147	88,680,457	1,016,750,604
11	Liberty Power	RFO	196.14	123,416,018	1,048,335,888	119,664,171	1,168,000,051
12	Haimore	Gas	189.24	-	-	-	-
13	Uch-II	HSD	380.75	32,941,164	459,039,170	18,529,888	475,569,056
14	JDW-I	Gas	26.35	223,474,589	893,816,126	31,152,358	924,768,484
15	JDW-III	Bagasse	28.35	11,077,000	63,916,505	4,759,787	88,676,292
16	RYK	Bagasse	28.35	10,346,070	59,898,693	4,445,706	64,144,599
17		Bagasse	24.01	2,544,400	14,681,697	1,093,329	15,775,026
Sub-Total			2,833.33	1,448,323,955	11,253,279,599	804,620,053	12,057,899,652
IPP's Total			8,721.52	4,388,048,640	30,829,056,156	1,817,176,012	32,246,234,188
<b>Others</b>							
i.	TPS-Quetta	Gas	25.00	15,340,000	131,924,000	1,056,928	132,980,928
ii.	Zorlu	Wind	56.40	18,072,000	-	36,568	36,568
iii.	FFCEL	Wind	49.50	16,112,000	-	-	-
iv.	TFG	Wind	49.50	17,358,000	-	-	-
v.	Foundation	Wind	49.50	25,352,000	-	-	-
vi.	Quid-e-Azam Solar Park	Solar	-	11,981,580	-	-	-
vii.	SPPs	Mixed	256.90	60,435,072	407,527,769	-	407,527,769
Others Total			486.80	165,250,652	539,451,769	1,093,494	640,545,263
G-Total			21,293.38	9,554,393,895	45,123,641,809	2,166,410,751	47,290,052,560

**Summary**

1	Hydel			3,377,710,383	-	339,819,532	339,819,532
2	Coal			-	-	-	0
3	HSD			114,238,414	1,586,449,523	54,314,174	1,640,763,697
4	F.O.			2,740,550,312	27,205,918,720	1,039,434,188	28,245,352,908
5	Gas			2,659,848,933	14,823,085,177	722,507,466	15,545,572,644
6	Nuclear			445,332,000	528,458,465	-	626,458,465
7	Import from Iran			42,737,751	435,925,080	-	435,925,080
8	Wind Power			77,484,000	-	36,568	36,568
9	Solar			11,981,580	-	-	-
10	Bagasse			23,967,470	138,297,085	10,298,822	148,596,917
11	Mixed			60,435,072	407,527,769	-	407,527,769
Total For The month				9,554,393,895	45,123,641,809	2,166,410,751	47,290,052,560
Prev Adjustment				-	(389,701,411)	42,613,839	-327,087,572
Grand Total				9,554,393,895	44,753,940,398	2,209,024,590	46,962,964,988

**Energy Sale Price**

Energy Cost (Rs.)	44,753,940,398	2,209,024,590	46,962,964,988
Cost not chargeable to DISCOs (Rs.)	45,644,453	-	45,644,456
EPP (Chargeable) (Rs.)	44,708,295,942	2,209,024,590	46,917,320,532
Energy Sold (KWh)	9,297,321,892	9,297,321,092	9,297,321,092
Avg. Rate (Rs./KWh)	4.808729	0.237598	5.046327

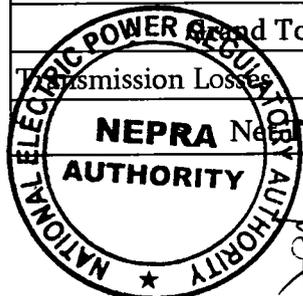


## Source Wise Generation

Sources	MAY 2014		MAY 2015			
	Actual		Reference		Actual	
	GWh	%	GWh	%	GWh	%
Hydel	2,931.40	34.51%	2,404.30	32.49%	3,377.71	35.35%
Coal	5.98	0.07%	-	0.00%	-	0.00%
HSD	237.21	2.79%	60.87	0.82%	114.24	1.20%
RFO	3,107.00	36.58%	2,631.84	35.56%	2,740.55	28.68%
Gas	1,907.11	22.45%	1,806.74	24.41%	2,659.95	27.84%
Nuclear	151.55	1.78%	351.60	4.75%	445.33	4.66%
Import Iran	34.61	0.41%	37.10	0.50%	42.74	0.45%
Mixed	87.87	1.03%	94.16	1.27%	84.40	0.88%
Wind	31.51	0.37%	14.04	0.19%	77.49	0.81%
Solar	-	0.00%	-	0.00%	11.98	0.13%
<b>Total</b>	<b>8,494.24</b>	<b>100.00%</b>	<b>7,400.66</b>	<b>100.00%</b>	<b>9,554.394</b>	<b>100.00%</b>
Sale to IPPs	(6.00)	-0.07%	-	0.00%	(2.68)	-0.03%
Transmission Losses	(159.97)	-1.88%	(222.02)	-3.00%	(254.39)	-2.66%
<b>Net Delivered</b>	<b>8,328.26</b>	<b>98.05%</b>	<b>7,178.64</b>	<b>97.00%</b>	<b>9,297.321</b>	<b>97.31%</b>

## Source Wise Fuel Cost/Energy Purchase Price

Sources	MAY 2014		MAY 2015			
	Actual		Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-	-	-
Coal	26.90	4.4998	-	-	-	-
HSD	4,886.15	-	1,071.76	17.6063	1,586.45	13.8872
RFO	45,655.20	14.6943	46,357.22	17.6140	27,205.92	9.9272
Gas	9,449.63	4.9549	8,933.73	4.9447	14,823.07	5.5727
Nuclear	210.01	1.3858	430.00	1.2230	526.46	1.1822
Import Iran	338.83	9.7900	352.47	9.500	435.93	10.2000
Mixed	897.06	10.2085	988.72	10.50000	545.82	6.4669
Wind	-	-	-	-	-	-
Solar	-	-	-	-	-	-
<b>Total</b>	<b>61,463.79</b>	<b>7.2359</b>	<b>58,133.89</b>	<b>7.8552</b>	<b>45,123.64</b>	<b>4.7228</b>
Supplemental Charges	1,581.72	0.1862	-	-	(369.70)	(0.0387)
Sale to IPPs	(109.81)	(18.2959)	-	-	(45.64)	0.0048
<b>Grand Total</b>	<b>62,935.69</b>	<b>7.4092</b>	<b>58,133.89</b>	<b>7.8552</b>	<b>44,708.30</b>	<b>4.6793</b>
Transmission Losses	-	0.1477	-	0.2429	-	0.1294
<b>Net Total</b>	<b>62,935.69</b>	<b>7.5569</b>	<b>58,133.89</b>	<b>8.0982</b>	<b>44,708.30</b>	<b>4.8087</b>



To Be Published in  
Official Gazette of Pakistan Part-II

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the August 3, 2015

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**S.R.O. (I)/2015:** – 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 charge for the month of May 2015 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual Fuel Charges Component for May 2015	Rs. 5.4110/kWh
Corresponding Reference Fuel Charges Component	Rs. 8.0982/kWh
<b>Fuel Price Variation for the month of May 2015 - (Decrease)</b>	<b>(Rs. 2.6872/kWh)</b>

Note: The Authority has reviewed and assessed a decrease of (Rs. 2.6872/kWh) in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of May 2015 as per the above details

2. The above adjustment a decrease of (Rs.2.6872/kWh) shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming upto 300 units and agricultural consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of May 2015 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of May 2015 in the billing month of September 2015.

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

  
(Syed Safer Hussain) 03.08.15  
Registrar

Amati.  3/8/15