



# National Electric Power Regulatory Authority

## Islamic Republic of Pakistan

Registrar

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Web: www.nepra.org.pk, E-mail: registrar@nepra.org.pk

No. NEPRA/R/TRF-100/MFPA/10136-55

September 1, 2014

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.

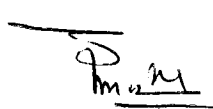
Subject: **Decision of the Authority in the matter of Fuel Charges Adjustment for the Month of July 2014 for XWDISCOs along with Notifications Thereof**

Enclosed please find herewith copy of the following decision of the Authority regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of July 2014 alongwith Notifications thereof:

- i) Copy of decision of the Authority (06 pages) for the month of July 2014 and Notification thereof i.e. SRO 771(I)/2014 dated 29.08.2014.

2. DISCOs are directed that while charging the fuel charge adjustment from their consumers, the Orders 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.

  
(Syed Safer Hussain)  
Registrar

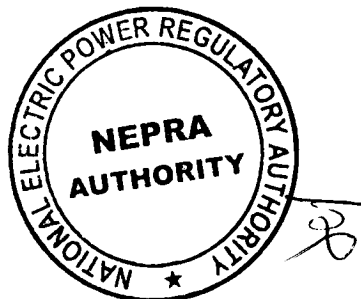
CC:

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, WAPDA House, Lahore.
9. General Manager, WAPDA Power Privatization Organization (WPPO) of NTDC, Lahore.
10. All Pakistan Textile Mills Association (APTMA) through Rashid Law Associates Attorneys & Corporate Consultants, 5<sup>th</sup> Floor, Ajmal House, 27-Egerton Road, Lahore.

**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES  
ADJUSTMENT FOR THE MONTH OF JULY 2014 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 2012-13, 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 July 2014, 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 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, it was also decided to conduct a public hearing on 26<sup>th</sup> August 2014 in NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad. The date of hearing was also mentioned in the advertisement published in the newspapers and on NEPRA's website whereby participation in the hearing and filing of comments/objections from any interested person was invited.
4. On the date fixed for the hearing, representatives from Central Power Purchasing Agency (CPPA), National Power Control Cell (NPCC), Wapda Private Power Organization (WPPO) and media were present; however, no representative from Sui Northern Gas Pipelines Limited (SNGPL), Sui Southern Gas Company Limited (SSGCL), Ministry of Water & Power and Ministry of Finance attended the hearing despite service of notice. Neither any objection/comments were filed by any interested person/consumer nor did anyone from the consumers attend the hearing.
5. Notwithstanding non-filing of any objections as to the information provided by CPPA seeking monthly fuel adjustments, the Authority has gone through the information so provided and due diligence is also done accordingly. From the perusal of the information so provided by CPPA, it has been observed that the

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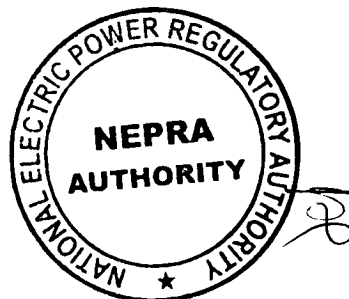


actual pool fuel charge for the month of July 2014 is Rs. 7.4979/kWh against the reference fuel cost component of Rs. 7.0622/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the Ex-WAPDA DISCOs for FY 2012-13. The actual fuel charges for the month of July 2014 increased by Rs. 0.4357/kWh (Annex-I&II) as compared to the reference fuel charges.

6. As per details provided by CPPA, 106.06 GWh were purchased by DISCOs from small and captive power plants during July 2014. 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. 950.98 million. For the purpose of calculation of fuel charges adjustment, fuel cost components of those plants whose cases are pending in the courts have not been considered. Accordingly for the instant adjustment, 32.10 GWh and cost of Rs. 363.93 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 117.20 GWh (1.13%) during July 2014, 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(1) 2013 dated 24.09.2013. Accordingly, actual losses i.e. 117.20 GWh (1.13%) incurred by CPPA, being lower than the Authority assessed losses, have been taken into account for the purpose of current adjustment.
8. The Authority, after incorporating the adjustment referred in Paragraph 6 above, has reviewed and assessed an increase of Rs. 0.4331/ kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variations in the fuel charges for the month of July 2014 as per the following details:

Actual Fuel Charges Component for July 2014	Rs. 7.4953/kWh
Corresponding Reference Fuel Charges Component	Rs. 7.0622/kWh
Fuel Price Variation for the month of July 2014 - Increase	Rs. 0.4331 /kWh

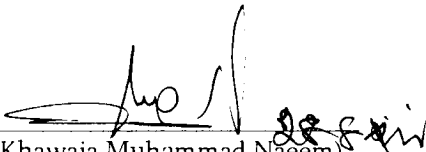
9. The adjustment as referred to in Para 8 above ;
  - i) shall be applicable to all the consumer categories except lifeline Consumers of all the DISCOs;
  - ii) shall be shown separately in the consumers' bill on the basis of units billed to the consumers in the month of July 2014.

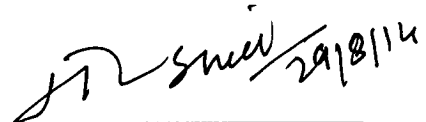


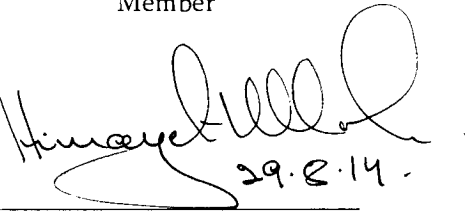
- iii) DISCOs shall reflect the fuel charges adjustment in respect of July 2014 in the billing month of September 2014.
- iv) While affecting the Fuel Adjustment Charges, the concerned DISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

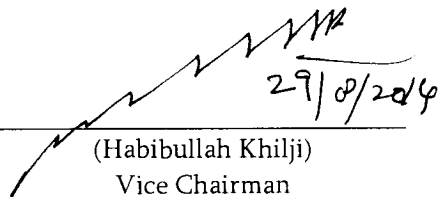
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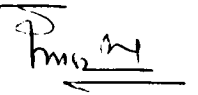
  
(Khawaja Muhammad Naeem)  
Member

  
(Maj (R) Haroon Rashid)  
Member

  
(Himayat Ullah Khan)  
Member

  
(Habibullah Khilji)  
Vice Chairman

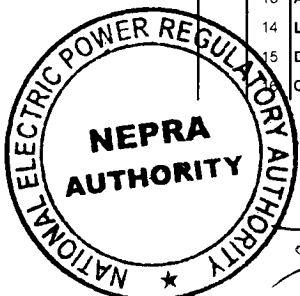


  
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CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
Jul/2014

ANNEX-I

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	<i>Hydel</i>				-	-	
i.	WAPDA	Hydel	6,755.00	3,698,832,652	-	324,522,603	324,522,603
ii.	Jagran	Hydel	30.00	11,538,320	-	23,053,563	23,053,563
iii.	Pehure	Hydel	17.90	4,203,720	-	1,198,060	1,198,060
iv.	Malakand-III SHYDO	Hydel	81.46	50,973,000	-	12,743,250	12,743,250
v.	Laraib	Hydel	84.00	25,079,000	-	4,386,317	4,386,317
	<b>Hydel Total:</b>		<b>6,968.36</b>	<b>3,790,626,692</b>	<b>-</b>	<b>365,903,794</b>	<b>365,903,794</b>
	<b>Ex-WAPDA GENCOs</b>						
	<b>GENCO-I</b>						
	Jamshoro Block 1	RFO	205.00	92,786,000	1,635,837,413	13,491,084	1,649,328,497
	Jamshoro Block 2	RFO	470.00	158,348,801	3,216,491,445	23,023,916	3,239,515,361
	Unit 2-4	Gas		14,469,199	104,445,913	2,103,822	106,549,735
	Kotri 3-7	Gas	106.50	17,141,000	108,749,455	2,492,301	111,241,756
	<b>Jamshoro Total</b>		<b>798.50</b>	<b>282,745,000</b>	<b>5,065,524,226</b>	<b>41,111,123</b>	<b>5,106,635,349</b>
	<b>GENCO-II</b>						
	Central Block 2	Gas	390	158,802,941	885,612,241	10,941,523	896,553,764
	Guddu CC 5-10	Gas	530	4,678,277	39,134,723	322,333	39,457,056
	Guddu Steam 3-4	Gas	340	74,008,918	495,275,080	5,099,214	500,374,294
	Central Block 4	Gas	140	33,073,364	237,136,020	2,278,755	239,414,775
	<b>Central Total</b>		<b>1,400.00</b>	<b>270,563,500</b>	<b>1,657,158,064</b>	<b>18,641,825</b>	<b>1,675,799,889</b>
	<b>GENCO-III</b>						
	Northern Block 1	RFO	558.00	296,353,675	5,464,804,791	7,408,842	5,472,213,633
	Northern Block 2	RFO	270.00	140,798,719	2,573,232,163	3,519,968	2,576,752,131
	Northern Block 3	RFO	360.00	184,162,629	3,827,685,090	4,604,066	3,832,289,155
	GTPS FSD 5-9	Gas	117.00	9,668,911	48,877,312	241,723	49,119,035
	SPS FSO 1-2	Gas	97.00	5,021,000	42,434,982	125,525	42,560,507
	GTPS FSD 1-4	Gas	75.00	56,089	506,972	1,402	508,374
	<b>Northern Total:</b>		<b>1,568.00</b>	<b>640,691,023</b>	<b>12,080,804,872</b>	<b>16,017,276</b>	<b>12,096,822,148</b>
	<b>GENCO-IV</b>						
		Coal	31.20	10,106,000	45,474,979	1,284,473	46,759,452
	<b>Total:</b>		<b>31.20</b>	<b>10,106,000</b>	<b>45,474,979</b>	<b>1,284,473</b>	<b>46,759,452</b>
	<b>GENCOs Total:-</b>		<b>3,797.70</b>	<b>1,204,105,523</b>	<b>18,848,962,141</b>	<b>77,054,697</b>	<b>18,926,016,838</b>
3	<b>IPPs</b>						
1	Kot Addu Block 1	RFO		179,646,560	2,407,144,311	78,096,520	2,485,240,831
		RFO	325	461,143,470	6,786,828,858	282,195,743	7,069,024,601
		HSD		30,694,870	601,381,704	7,730,530	609,112,234
		Gas	762	47,538,100	243,669,437	13,935,574	257,605,011
	Kot Addu Block 3	Gas		96,475,700	511,449,333	54,508,732	565,958,065
		HSD	249	50,300	1,118,570	43,009	1,161,579
	<b>KAPCO Total</b>		<b>1,336.00</b>	<b>815,549,000</b>	<b>10,551,592,213</b>	<b>436,510,108</b>	<b>10,988,102,321</b>
2	Hub Power	RFO	1,200.00	598,366,300	9,375,292,784	103,844,596	9,479,137,380
3	Kohinoor Energy	RFO	124.00	82,977,000	1,216,929,128	46,887,833	1,263,816,961
4	AES Lalpir	RFO	350.00	207,698,400	3,339,282,657	33,598,539	3,372,881,196
5	Pak Gen Power Limited	RFO	348.60	219,637,600	3,525,246,296	35,529,896	3,560,776,192
6	Southern Power	RFO	110.47	-	-	-	0
7	Habibullah	Gas	129.15	75,401,094	361,371,588	32,048,700	393,420,288
8	Fauji Kabirwala	Gas	151.20	99,547,000	388,147,555	70,703,356	458,850,911
9	Rousch	Gas	395.00	287,297,762	1,415,808,135	75,990,036	1,491,798,171
10	Saba Power	RFO	125.55	20,788,061	334,128,579	3,344,803	337,473,382
11	Japan Power	RFO	107.00	-	-	-	0
12	Uch	Gas	551.25	364,945,000	928,456,595	82,331,592	1,010,788,187
13	Altern	Gas	27.12	19,320,190	104,974,596	12,915,097	117,889,693
14	Liberty	Gas	211.85	145,771,300	1,673,870,424	45,632,027	1,719,502,451
15	Davis Energen	Gas	10.00	7,421,000	33,999,312	-	33,999,312
	Chashma Nuclear	Nucl.	300.00	194,173,000	240,774,520	-	240,774,520



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CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
Jul/2014

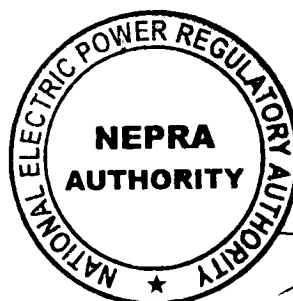
S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
17	Chashma Nuclear-II	Nucl.	315.00	191,948,000	266,001,538	-	266,001,538
18	Tavanir Iran	Import	96.00	45,622,017	447,095,767	-	447,095,767
Sub-Total:			5,888.19	3,376,462,724	34,202,971,687	979,336,583	35,182,308,270
1	Attock-Gen	RFO	156.18	110,737,369	1,544,275,225	96,540,838	1,640,816,063
2	Atlas Power	RFO	213.86	135,291,072	1,899,748,534	116,052,682	2,015,801,216
3	Nishat Power	RFO	195.31	135,538,984	1,863,630,052	116,265,340	1,979,895,392
4	Foundation Power	Gas	171.48	114,355,451	537,725,565	40,093,021	577,818,586
5	Orient	Gas	212.70	24,880,128	114,266,670	4,981,002	119,247,672
6	Nishat Chunian	HSD	195.72	82,745,695	1,771,754,084	27,157,137	1,798,911,221
7	Saif Power	RFO	205.27	135,039,514	1,877,848,343	115,553,312	1,993,401,655
8	Engro Energy	Gas	213.56	13,507,152	60,970,309	4,599,185	65,569,494
9	Sapphire Power	HSD	207.96	111,635,387	2,367,940,093	54,868,793	2,422,808,886
10	Hubco Narowal	Gas	213.56	154,341,620	778,625,575	47,768,731	826,394,306
11	Liberty Power	Gas	207.96	15,285,954	68,881,341	5,036,722	73,918,063
12	Halmore	HSD	199.24	108,196,716	2,252,913,767	52,594,416	2,305,508,183
13	Uch-II	RFO	213.82	149,640,440	2,107,232,375	122,031,775	2,229,264,150
14	JDW	Gas	196.14	131,659,244	1,824,039,355	125,918,901	1,949,958,256
		HSD	199.24	81,614,983	367,972,507	27,920,486	395,892,993
		Gas	380.75	52,179,627	1,052,221,011	25,766,300	1,077,987,311
		Bagasse	26.35	256,883,738	970,153,791	35,809,593	1,005,963,384
			26.35	15,960,600	92,095,854	6,858,270	98,954,124
Sub-Total:			2,788.34	1,829,493,674	21,552,294,450	1,025,816,505	22,578,110,955
IPP,s Total:-			8,676.53	5,205,956,398	55,755,266,137	2,005,153,088	57,760,419,225
4	Others						
	i. TPS-Quetta	Gas	25.00	14,379,000	123,659,400	990,713	124,650,113
	ii. Zorlu	Wind	56.40	25,260,200	-	111,145	111,145
	iii. FFCEL	Wind	49.50	22,576,000	-	-	-
	iv. SPPs	Mixed	256.90	90,099,606	858,885,929	-	858,885,929
	Others Total		387.80	152,314,806	982,545,329	1,101,858	983,647,187
G-Total:			19,830.39	10,353,003,419	75,586,773,607	2,449,213,436	78,035,987,043

**Summary**

1	Hydel			3,790,626,692	-	365,903,794	365,903,794
2	Coal			10,106,000	45,474,979	1,284,473	46,759,452
3	HSD			385,502,595	8,047,329,229	168,160,185	8,215,489,414
4	F.O.			3,445,243,838	54,942,940,961	1,328,024,405	56,270,965,366
5	Gas			2,135,884,871	10,646,174,830	578,871,165	11,225,045,995
6	Nuclear			386,121,000	506,776,058	-	506,776,058
7	Import from Iran			45,622,017	447,095,767	-	447,095,767
8	Wind Power			47,836,200	-	111,145	111,145
9	Mixed			106,060,206	950,981,783	6,858,270	957,840,052
Total For The month				10,353,003,419	75,586,773,607	2,449,213,436	78,035,987,043
Prev. Adjustment				-	1,217,713,415	-	1,217,713,415
Grand Total:				10,353,003,419	76,804,487,022	2,449,213,436	79,253,700,458

**Energy Sale Price**

Energy Cost (Rs.)	76,804,487,022	2,449,213,436	79,253,700,458
Cost not chargeable to DISCOs (Rs.)	80,304,069		80,304,069
EPP (Chargeable) (Rs.)	76,724,182,953	2,449,213,436	79,173,396,389
Energy Sold (KWh)	10,232,790,402	10,232,790,402	10,232,790,402
Avg. Rate (Rs./KWh)	7,497875	0.239350	7.737224

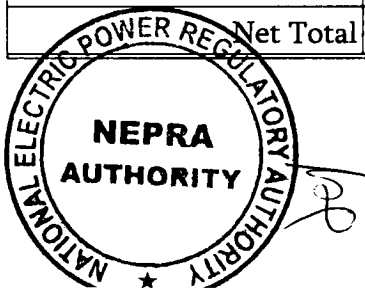


## Source Wise Generation

Sources	JULY 2013		JULY 2014			
	Actual		Reference		Actual	
	GWh	%	GWh	%	GWh	%
Hydel	3,966.18	40.09%	3,138.59	35.62%	3,790.63	36.61%
Coal	10.86	0.11%	9.96	0.11%	10.11	0.10%
HSD	53.79	0.54%	157.46	1.79%	385.50	3.72%
<b>RFO</b>	<b>3,258.54</b>	<b>32.93%</b>	<b>2,886.07</b>	<b>32.75%</b>	<b>3,445.24</b>	<b>33.28%</b>
Gas	2,088.05	21.10%	2,130.21	24.18%	2,135.88	20.63%
Nuclear	359.58	3.63%	397.06	4.51%	386.12	3.73%
Import Iran	42.24	0.43%	22.01	0.25%	45.62	0.44%
Mixed	91.51	0.92%	69.57	0.79%	106.06	1.02%
Wind	23.60	0.24%	0.63	0.01%	47.84	0.46%
<b>Total</b>	<b>9,894.36</b>	<b>100.0%</b>	<b>8,811.56</b>	<b>100.0%</b>	<b>10,353.00</b>	<b>100.0%</b>
Sale to IPPs	(3.83)	-0.04%	-	0.00%	(3.02)	-0.03%
Transmission Losses	(278.90)	-2.82%	(220.29)	-2.50%	(117.20)	-1.13%
<b>Net Delivered</b>	<b>9,611.62</b>	<b>97.1%</b>	<b>8,591.27</b>	<b>97.5%</b>	<b>10,232.79</b>	<b>98.84%</b>

## Source Wise Fuel Cost/Energy Purchase Price

Sources	JULY 2013		JULY 2014			
	Actual		Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-	-	-
Coal	39.22	3.6118	35.96	3.6118	45.47	4.4998
HSD	1,100.25	20.4537	3,032.46	19.2583	8,047.33	20.8749
<b>RFO</b>	<b>51,703.84</b>	<b>15.8672</b>	<b>44,785.47</b>	<b>15.5178</b>	<b>54,942.94</b>	<b>15.9475</b>
Gas	10,450.17	5.0048	11,426.33	5.3639	10,646.17	4.9844
Nuclear	477.23	1.3272	453.40	1.1419	506.78	1.3125
Import Iran	421.51	9.9783	209.12	9.500	447.10	9.8000
Mixed	728.45	7.9606	730.45	10.500	950.98	8.9664
Wind	-	-	-	-	-	-
<b>Total</b>	<b>64,920.67</b>	<b>6.5614</b>	<b>60,673.20</b>	<b>6.8856</b>	<b>75,586.77</b>	<b>7.3010</b>
Supplemental Charges	427.99	0.0433		-	1,217.71	0.1176
Sale to IPPs	(77.04)	(20.0914)		-	(80.30)	(26.6110)
<b>Grand Total</b>	<b>65,271.61</b>	<b>6.5969</b>	<b>60,673.20</b>	<b>6.8856</b>	<b>76,724.18</b>	<b>7.4108</b>
Transmission Losses	(215.04)	0.1717		0.1766	-	0.0871
<b>Net Total</b>	<b>65,056.56</b>	<b>6.7685</b>	<b>60,673.20</b>	<b>7.0622</b>	<b>76,724.18</b>	<b>7.4979</b>



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National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the August 29, 2014

S.R.O. 77/ (I)/2014: – 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 July 2014 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual Fuel Charges Component for July 2014	Rs.7.4953/kWh
Corresponding Reference Fuel Charges Component	Rs.7.0622/kWh
<b>Fuel Price Variation for the month of July 2014 - Increase</b>	<b>Rs.0.4331/kWh</b>

Note: The Authority has reviewed and assessed an increase of Rs.0.4331/kWh in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of July 2014 as per the above details.

2. The above adjustment an increase of Rs.0.4331/kWh shall be applicable to all the consumer categories except lifeline 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 July 2014 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of July 2014 in the billing month of September 2014.

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.

*Matt*  
*Hussain*  
(Syed Safer Hussain) 29.08.14  
Registrar