



# National Electric Power Regulatory Authority

## Islamic Republic of Pakistan

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Registrar

No. NEPRA/R/TRF-100/MFPA/16691-16712

Dcember 24, 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 November 2014 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the decision of the Authority (06 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of November 2014 alongwith its Notification i.e. SRO 1142(I)/2014 dated 23.12.2014.

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.

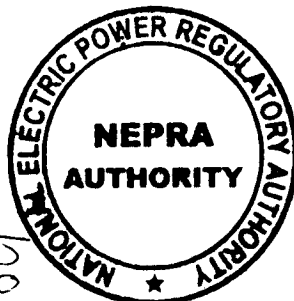
  
( Syed Safer Hussain ) 24.12.14

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.
11. Mr. Anwar Kamal, Advocate Supreme Court, Anwar Kamal Law Associates, 1-Turner Road, Lahore.

**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES  
ADJUSTMENT FOR THE MONTH OF NOVEMBER 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 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 November 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 19<sup>th</sup> December 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), Sui Southern Gas Company Limited (SSGCL) and media were present; however, no representative from WPPO, Sui Northern Gas Pipelines Limited (SNGPL), 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 by CPPA and due diligence is also done accordingly. From the perusal of the information so provided by CPPA, it has been observed that the

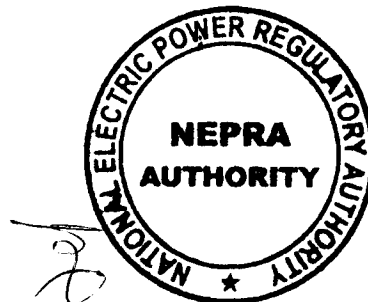


actual pool fuel charge for the month of November 2014 is Rs. 4.4997/kWh against the reference fuel cost component of Rs. 7.4167/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the Ex-WAPDA DISCOs for FY 2013-14. The actual fuel charges for the month of November 2014 decreased by Rs. 2.9170/kWh (Annex-I&II) as compared to the reference fuel charges.

6. As per details provided by CPPA, 101.61 GWh were purchased by DISCOs from small and captive power plants during November 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. 985.54 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, 31.80 GWh and cost of Rs. 346.70 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 118.70 GWh (1.78%) during November 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(I) 2013 dated 24.09.2013. Accordingly, actual losses i.e. 118.70 GWh (1.78%) 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 decrease of Rs. 2.9672/ kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variations in the fuel charges for the month of November 2014 as per the following details:

Actual Fuel Charges Component for November 2014	Rs. 4.4495/kWh
Corresponding Reference Fuel Charges Component	Rs. 7.4167/kWh
<b>Fuel Price Variation for the month of November 2014 - Decrease</b>	<b>(Rs. 2.9672/kWh)</b>

9. The adjustment as referred to in Para 8 above ;
  - i) shall be applicable to all the consumer categories except lifeline and Agriculture 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 November 2014.





- iii) DISCOs shall reflect the fuel charges adjustment in respect of November 2014 in the billing month of January 2015.
- 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.

**AUTHORITY**

*On Tour*

(Khawaja Muhammad Naeem)  
Member

*JR Rashid 22/12/14*

(Maj. (R) Haroon Rashid)  
Member

*Abroad*

(Himayat Ullah Khan)  
Member

*HK 22/12/2014*

(Habibullah Khilji)  
Vice Chairman

*Tariq Saddozai*

(Brig. (R) Tariq Saddozai)  
Chairman

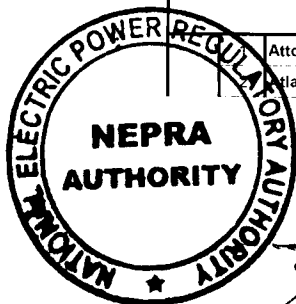


*PM*  
24.12.14

**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**Nov/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	6,902.00	2,807,320,240	-	327,656,382	327,656,382
	ii.	Jagran	Hydel	30.00	1,462,080	-	2,921,236	2,921,236
	iii.	Pehure	Hydel	17.90	5,000,760	-	1,425,217	1,425,217
	iv.	Malakand-III SHYDO	Hydel	81.46	24,066,000	-	6,016,500	6,016,500
	v.	Laraib	Hydel	84.00	54,063,000	-	10,850,444	10,850,444
<b>Hydel Total:</b>				<b>7,115.36</b>	<b>2,891,912,080</b>	<b>-</b>	<b>348,869,778</b>	<b>348,869,778</b>
2	<b>Ex-WAPDA GENCOs</b>							
	<b>GENCO-I</b>							
	i.	Jamshoro Block 1	RFO	205.00	17,183,000	302,476,356	1,589,428	304,065,784
		Jamshoro Block 2	RFO	470.00	14,551,000	281,193,233	1,345,968	282,539,201
		Kotri 3-7	Gas	106.50	10,717,000	67,799,645	991,323	68,790,968
	<b>Jamshoro Total</b>			<b>798.50</b>	<b>42,451,000</b>	<b>651,469,234</b>	<b>3,926,718</b>	<b>655,395,952</b>
	<b>GENCO-II</b>							
	ii.	Central Block 2	Gas	390	147,366,740	821,834,836	10,153,568	831,988,404
		Guddu CC 5-10	Gas	530	21,380,777	178,854,476	1,473,136	180,327,612
		Guddu Steam 3-4	Gas	340	31,125,778	208,296,819	2,144,566	210,441,385
		Central Block 4	Gas	140	8,378,305	60,072,447	577,265	60,649,712
	<b>Central Total</b>			<b>1,400.00</b>	<b>208,251,600</b>	<b>1,269,058,578</b>	<b>14,348,535</b>	<b>1,283,407,113</b>
	<b>GENCO-III</b>							
	iii.	Northern Block 1	RFO	558.00	33,402,847	604,584,850	835,071	605,419,921
		Northern Block 2	RFO	270.00	-600,352	(10,061,898)	(15,009)	-10,076,907
		Northern Block 3	RFO	360.00	(868,541)	(16,644,990)	(21,714)	-16,666,703
	<b>Northern Total:</b>			<b>1,568.00</b>	<b>31,933,954</b>	<b>577,877,962</b>	<b>798,349</b>	<b>578,676,311</b>
	<b>GENCO-IV</b>							
iv.		Coal	31.20	15,341,000	69,031,432	1,949,841	70,981,273	
<b>Total:</b>			<b>31.20</b>	<b>15,341,000</b>	<b>69,031,432</b>	<b>1,949,841</b>	<b>70,981,273</b>	
<b>GENCOs Total:-</b>			<b>3,797.70</b>	<b>297,977,554</b>	<b>2,567,437,206</b>	<b>21,023,443</b>	<b>2,588,460,649</b>	
3	<b>IPPs</b>							
	1	Kot Addu Block 1	RFO	325	174,726,100	2,109,152,210	75,910,842	2,185,063,052
		Kot Addu Block 2	RFO	762	210,394,900	2,754,422,956	128,667,724	2,883,090,680
		<b>KAPCO Total</b>			<b>1,336.00</b>	<b>385,121,000</b>	<b>4,863,575,166</b>	<b>204,578,566</b>
	2	Hub Power	RFO	1,200.00	198,124,700	2,864,528,911	34,383,904	2,898,912,815
	3	Kohinoor Energy	RFO	124.00	60,239,000	775,959,360	34,024,038	809,983,398
	4	AES Lalpir	RFO	350.00	52,688,400	778,962,535	8,524,509	787,487,044
	5	Pak Gen Power Limited	RFO	348.60	80,766,800	1,291,298,548	13,067,341	1,304,365,889
	6	Southern Power	RFO	110.47	-	-	-	0
	7	Habibullah	Gas	129.15	78,058,546	310,509,092	33,174,880	343,683,972
	8	Fauji Kabirwala	Gas	151.20	51,281,000	179,708,976	36,406,077	216,115,053
	9	Rousch	Gas	395.00	252,504,812	1,032,795,182	66,799,000	1,099,594,182
	10	Saba Power	RFO	125.55	440,940	6,986,649	70,947	7,057,596
	11	Japan Power	RFO	107.00	-	-	-	0
	12	Uch	Gas	551.25	337,185,000	868,125,788	76,035,218	944,161,006
	13	Altern	Gas	27.12	1,071,950	5,163,046	693,980	5,857,026
	14	Liberty	Gas	211.85	131,773,800	1,512,025,298	41,250,270	1,553,275,568
	15	Davis Energen	Gas	10.00	5,601,000	25,661,073	2,719,378	28,380,451
	16	Chashma Nuclear	Nucl.	300.00	214,155,000	265,552,200	-	265,552,200
17	Chashma Nuclear-II	Nucl.	315.00	219,490,000	246,926,250	-	246,926,250	
18	Tavanir Iran	Import	96.00	34,442,000	340,975,800	-	340,975,800	
<b>Sub-Total:</b>			<b>5,888.19</b>	<b>2,102,943,948</b>	<b>15,368,753,874</b>	<b>551,728,108</b>	<b>15,920,481,982</b>	
	Attock-Gen	RFO	156.18	83,675,071	976,745,062	75,617,162	1,052,362,224	
	Milas Power	RFO	213.86	92,963,550	1,228,198,698	82,663,189	1,310,861,887	



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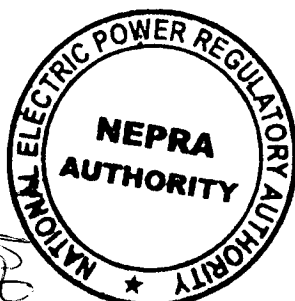
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CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
Nov/2014

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
3	Nishat Power	RFO	195.31	91,483,395	1,267,549,560	81,347,035	1,348,896,595
4	Foundation Power	Gas	171.48	115,267,736	449,705,742	41,922,876	491,628,618
5	Orient	Gas	212.70	-	-	-	-
		HSD					
6	Nishat Chunian	RFO	195.72	101,678,299	1,438,898,526	90,198,819	1,529,097,345
7	Saif Power	Gas	205.27	-	-	-	-
		HSD					
8	Engro Energy	Gas	212.98	154,847,916	648,966,889	49,690,696	698,657,585
9	Saphire Power	Gas	203.17	-	-	-	-
		HSD					
10	Hubco Narowal	RFO	213.82	77,529,584	1,078,668,683	65,372,943	1,144,041,626
11	Liberty Power	RFO	196.14	105,682,637	1,586,275,397	104,710,357	1,690,985,754
12	Halmore	Gas	199.24	-	-	-	-
		HSD					
13	Uch-II	Gas	380.75	249,458,768	976,220,844	34,774,552	1,010,995,396
14	JDW-I	Bagasse	26.35	6,119,600	35,311,316	2,629,592	37,940,908
15	JDW-III	Bagasse	26.35	10,018,390	57,808,114	4,304,902	62,113,016
16	Nandipur	HSD	425.00	5,070,000	-	-	-
Sub-Total:			2,375.87	1,093,794,946	9,744,348,831	633,232,123	10,377,580,954
IPP,s Total:-			8,264.06	3,196,738,894	25,113,102,705	1,184,960,231	26,298,062,936
Others							
4	i. TPS-Quetta	Gas	25.00	459,000	3,947,400	31,625	3,979,025
	ii. Zorlu	Wind	56.40	6,797,000	-	22,439	22,439
	iii. FFCEL	Wind	49.50	6,436,000	-	-	-
	iv. TFG	Wind	49.50	615,600	-	-	-
	v. SPPs	Mixed	256.90	85,469,381	892,422,516	-	892,422,516
Others Total			437.30	99,776,981	896,369,916	54,064	896,423,980
G-Total:			19,614.42	6,486,405,509	28,576,909,827	1,554,907,515	30,131,817,343
<b>Summary</b>							
1	Hydel			2,891,912,080	-	348,869,778	348,869,778
2	Coal			15,341,000	69,031,432	1,949,841	70,981,273
3	HSD			5,070,000	-	-	0
4	F.O.			1,394,061,330	19,319,194,647	798,292,553	20,117,487,200
5	Gas			1,596,478,128	7,349,687,553	398,838,410	7,748,525,963
6	Nuclear			433,645,000	512,478,450	-	512,478,450
7	Import from Iran			34,442,000	340,975,800	-	340,975,800
8	Wind Power			13,848,600	-	22,439	22,439
9	Mixed			101,607,371	985,541,945	6,934,494	992,476,440
Total For The month				6,486,405,509	28,576,909,827	1,554,907,515	30,131,817,343
Prev. Adjustment				-	891,857,340	504,501,041	1,396,358,381
Grand Total:				6,486,405,509	29,468,767,167	2,059,408,557	31,528,175,724

**Energy Sale Price**

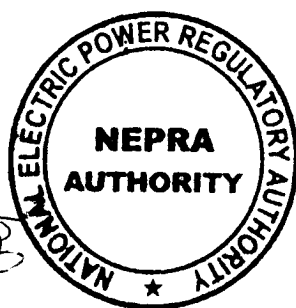
Energy Cost (Rs.)	29,468,767,167	2,059,408,557	31,528,175,724
Cost not chargeable to DISCOs (Rs.)	66,891,476	-	66,891,476
EPP (Chargeable) (Rs.)	29,401,875,691	2,059,408,557	31,461,284,248
Energy Sold (KWh)	6,534,141,801	6,534,141,801	6,534,141,801
Avg. Rate (Rs./KWh)	4.499730	0.315177	4.814907



Source Wise Generation						
Sources	NOVEMBER 2013		NOVEMBER 2014			
	Actual		Reference		Actual	
	GWh	%	GWh	%	GWh	%
Hydel	2,508.73	36.78%	2,614.02	37.77%	2,891.91	43.45%
Coal	6.14	0.09%	6.59	0.10%	15.34	0.23%
HSD	29.33	0.43%	177.45	2.56%	5.07	0.08%
<b>RFO</b>	<b>2,348.43</b>	<b>34.43%</b>	2,092.35	<b>30.23%</b>	1,394.06	<b>20.94%</b>
Gas	1,384.59	20.30%	1,472.66	21.28%	1,766.01	26.53%
Nuclear	416.15	6.10%	432.87	6.26%	433.65	6.52%
Import Iran	28.22	0.41%	28.69	0.41%	34.44	0.52%
Mixed	86.18	1.26%	83.14	1.20%	101.61	1.53%
Wind	12.64	0.19%	12.64	0.18%	13.85	0.21%
<b>Total</b>	<b>6,820.39</b>	<b>100.0%</b>	<b>6,920.42</b>	<b>100.00%</b>	<b>6,655.935</b>	<b>100.0%</b>
Sale to IPPs	(3.63)	-0.05%	-	0.00%	(3.09)	-0.05%
Transmission Losses	(198.71)	-2.91%	(207.61)	-3.00%	(118.70)	-1.78%
<b>Net Delivered</b>	<b>6,618.05</b>	<b>97.03%</b>	<b>6,712.80</b>	<b>97.00%</b>	<b>6,534.142</b>	<b>98.17%</b>

## Source Wise Fuel Cost/Energy Purchase Price

Sources	NOVEMBER 2013		NOVEMBER 2014			
	Actual		Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-	-	-
Coal	22.17	3.6118	23.7982	3.6118	69.03	4.4998
HSD	675.01	23.0125	3,315.6916	18.6848	-	-
<b>RFO</b>	<b>39,806.03</b>	<b>16.9501</b>	35,704.7846	<b>17.0644</b>	<b>19,319.19</b>	<b>13.8582</b>
Gas	6,803.19	4.9135	9,100.1748	6.1794	7,349.69	4.1618
Nuclear	549.26	1.3199	497.0483	1.1483	512.48	1.1818
Import Iran	297.69	10.5500	272.5609	9.500	340.98	9.9000
Mixed	840.79	9.7565	872.9430	10.500	985.54	9.6995
Wind	-	-	-	-	-	-
<b>Total</b>	<b>48,994.14</b>	<b>7.1835</b>	<b>49,787.00</b>	<b>7.1942</b>	<b>28,576.91</b>	<b>4.2934</b>
Supplemental Charges	(975.82)	(0.1431)	-	-	891.86	0.1340
Sale to IPPs	(83.21)	(22.9021)	-	-	(66.89)	(21.6506)
<b>Grand Total</b>	<b>47,935.11</b>	<b>7.0282</b>	<b>49,787.00</b>	<b>7.1942</b>	<b>29,401.88</b>	<b>4.4174</b>
Transmission Losses	-	0.2149	-	0.2225	-	0.0823
<b>Net Total</b>	<b>47,935.11</b>	<b>7.2431</b>	<b>49,787.00</b>	<b>7.4167</b>	<b>29,401.88</b>	<b>4.4997</b>



# National Electric Power Regulatory Authority



## NOTIFICATION

Islamabad, the December 23, 2014

**S.R.O.** 1142(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 November 2014 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual Fuel Charges Component for November 2014	Rs.4.4495/kWh
Corresponding Reference Fuel Charges Component	Rs.7.4167/kWh
<b>Fuel Price Variation for the month of November 2014 (Decrease)</b>	<b>(Rs.2.9672/kWh)</b>

Note: The Authority has reviewed and assessed a decrease of (Rs.2.9672/kWh) in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of November 2014 as per the above details.

2. The above adjustment a decrease of (Rs.2.9672/kWh) shall be applicable to all the consumer categories except lifeline 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 November 2014 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of November 2014 in the billing month of January 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)  
Registrar

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*M. A. M.*

23/12/14