



National Electric Power Regulatory Authority Islamic Republic of Pakistan

Registrar

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No. NEPRA/R/TRF-100/MFPA/1979504

October 14, 2022

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. 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 August 2022 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the Decision of the Authority along with Additional Note of Mr. Rafique Ahmed Shaikh, Member NEPRA (total 11 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of August 2022 and its Notification i.e. S.R.O. 1904(I)/2022 dated 14.10.2022.

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)


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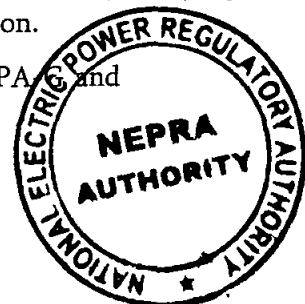
CC:

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. Member (Power), WAPDA, WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
5. Managing Director, NTDC, 414 WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
6. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited, Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad.



**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT
FOR THE MONTH OF AUGUST 2022 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 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 August 2022, 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 reviewed the information provided by CPPA-G seeking monthly fuel cost adjustment (FCA) 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 August 2022 is Rs.10.1126/kWh, against the reference fuel cost component of Rs.9.8934/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2022-23. The actual fuel charges, as reported by CPPA-G, for the month of August 2022 increased by Rs.0.2192/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 September 17, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on September 29, 2022 (Thursday) at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad through zoom. 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 hearing, representatives from CPPA-G, National Power Control Center (NPCC)/NTDC, Media and General Public were present. However, no representation was made from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL) and Ministry of Finance despite serving the hearing notice.
7. Upon inquiry from the commentators during the hearing regarding total impact of FCA for the month of July 2022, the Authority mentioned that as per the claim submitted by CPPAG, the total financial impact of FCA for August 2022, is around Rs. 2.9 billion.
8. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;





- a) **2002 Power Policy Plants**
- i. All purchases have been made from Generation Companies having valid generation License issued by NEPRA.
 - ii. Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
 - iii. The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.

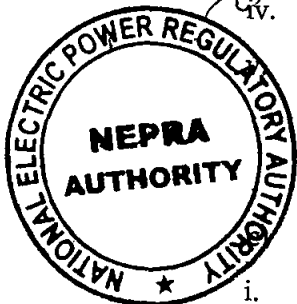
b) **1994 Power Policy Plants**

- i. All purchases have been made from IPPs under 1994 Policy, including HUBCO, KAPCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
- ii. Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
- iii. All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.

- iv. All purchases have been made in accordance with the Power Purchase Agreement
- The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.

Power Plants Operations

- i. It is certified that Merit Order was followed as defined under section 2(I)(x) of the NEPRA Licensing (Generation) Rules, 2000, while operating power plants in its fleet during month of August 2022.
 - ii. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraints but was strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load due to less demand in the system and transmission/distribution network constraints .
9. Accordingly for the purpose of instant FCA, the information along-with certification given by CPPA-G has been relied upon. In case of any variation, error, omission or misstatement found out at a later stage, CPPA-G shall be responsible and the same would adjusted in the subsequent monthly fuel charges adjustment.
10. The Authority observed that CPPA-G has purchased energy of 54.469 GWh from Tavanir Iran in August 2022 at a cost of Rs.1,141.51 million, however, contract between CPPA-G and Tavanir Iran for import of Power up-to 104 MW has expired on December 31, 2021. In view thereof, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority decides the extension in the contract between CPPA-G and Tavanir Iran or otherwise. The cost being allowed on



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provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.

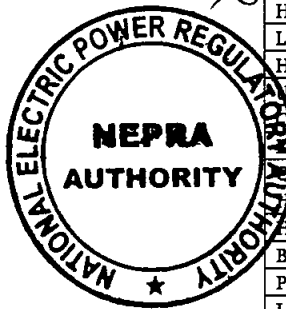
11. Regarding the current month cost of August 2022, the fuel cost of Attock Gen RFO based power plants has been adjusted downwards as per the Authority's latest approved FCC rates for the month of August 2022, as detailed below;

Plants	Energy (kWh)	Fuel Charge Claimed by CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Attock-Gen	95,494,609	2,790,834,723	2,650,179,801	(140,654,922)
Total	95,494,609	2,790,834,723	2,650,179,801	(140,654,922)

12. CPPA-G also claimed negative amount of Rs.1,844.8 million as previous adjustment. The Authority, from the data provided by CPPA-G, observed that Cost of Rs. 83.2 million for Uch-II power plants was claimed by CPPA-G pertaining to the period from FY 2014 to FY 2016, due to verification of PPA factors and revision in rates by OGRA. Since the same requires detailed calculations and verification of Technical section, therefore, the same cost has not been considered while working the instant monthly FCA.

13. Further regarding negative adjustment of Balloki of Rs.467.68million for the month of March 2022, the same as per the Authority approved works out as negative amount of Rs.468.05 million, therefore, the claim of CPPA-G adjusted accordingly. For the remaining previous adjustments claims the same have been verified and accordingly considered while working out the instant Monthly Fuel Charges adjustment. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Proposed Rs.	Deduction
Attock-Gen	29,328,818	29,328,818	-
Atlas Power	6,488,457	6,488,457	-
Nishat Power	8,883,918	8,883,918	-
Foundation Power	(904,357)	(904,357)	-
Orient	(77,936,698)	(77,936,698)	-
Nishat Chunian	7,931,752	7,931,752	-
Saif Power	(65,316,427)	(65,316,440)	-
Engro Energy	(84,401,021)	(84,401,021)	-
Sapphire Power	38,373,332	38,373,332	-
Hubco Narowal	(66,668,042)	(66,668,042)	-
Liberty Power	5,916,659	5,916,659	-
Halmore	11,017,551	11,017,551	-
Uch-II	(67,822,034)	(67,822,034)	-
China Hub Power (Pvt.) Ltd	83,209,024	-	(83,209,024)
Engro PowerGen Thar TPS	(170,372)	(170,372)	-
ATPL	382,208,082	382,208,082	-
Maveli Bahadur Shah	(804,254,806)	(804,254,806)	-
Huaneng Shandong Ruyi Energy (Pvt) Ltd	(713,583,296)	(713,583,296)	-
Baloki	350,850,014	350,850,014	-
Port Qasim	(467,680,979)	(468,050,979)	(370,000)
Lucky Electric Power Company Limited	(1)	(1)	-
Hub Power	(314,606,249)	(314,606,249)	-
Pak Gen Power Limited	26,091	26,091	-
Fauji Kabirwala	(73)	(73)	-
Rousch	(26,365,736)	(26,365,736)	-
Uch	2,619	2,619	-
Liberty	(338,641)	(338,641)	-
KAPCO	(976,508)	(976,508)	-
GENCO-II ***	(1,158,727)	(1,158,727)	-
GENCO-III ***	(28,814,907)	(28,814,907)	-
GENCO-III ***	(48,063,565)	(48,063,565)	-
Total	(1,844,826,045)	(1,928,405,084)	(83,579,024)



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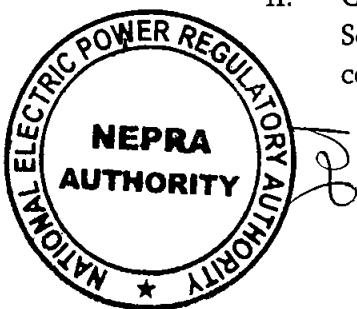


14. As per the data submitted by CPPA-G, XWDISCOs purchased 17.77 GWh from Captive Power Plants (CPPs) during August 2022, for which CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.84.530 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of August 2022.
15. The Authority in FCA decision of July 2022, directed CPPA-G to directed CPPA-G to provide detail of net metering units purchased by all XWDISCOs along-with its subsequent monthly FCA request. CPPA-G in compliance to the Authority's direction provided the following information for Distributed Generation/Net metering for consideration of the Authority;

BILL MONTH	NO OF CONSUMERS	SANCTION LOAD (MW)	BY DISTRIBUTED GENERATORS of ALL XWDISCOs							
			EXPORTED UNITS (KWH)		IMPORTED UNITS (KWH)		NET OFF EXPORTED UNITS (KWH)		EXPORTER UNITS BILLED @ NAPP (KWH)	
			OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK
01-Aug-22	28,005	758.14	24,563,641	206,955	92,288,340	22,056,111	19,847,390	118,973	4,716,251	87,982

16. However, during hearing CPPA-G requested the Authority not to consider the units of Distributed Generation/Net metering, by stating that a proper billing mechanism needs to be developed before accounting for such units in monthly FCA of XWDISCOs. The Authority has acceded to the request of CPPA-G and decided not to consider the exported units billed @ National Average Power Purchase Price (NAPPP), keeping in view its insignificant impact. CPPA-G is directed to ensure a proper mechanism for accounting for of such units.
17. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.36,376 million, during the month of August 2022. The Authority has been directing NPCC/NTDC & CPPA-G repeatedly to provide complete justification in this regard, to the satisfaction of the Authority and submit complete details for deviation from Economic Merit Order (EMO), showing hourly generation along-with the financial impact for deviation from EMO, if any, and the reasons, thereof. The Authority also directed CPPA-G/NPCC/NTDC in the previous monthly FCA decisions, as under;

- I. System Operator shall report to CPPA-G, within 24 hours, dispatch of generation plant(s) out of merit order along with reasons thereof. The copy of the report shall be sent to NEPRA simultaneously.
- II. CPPA-G shall scrutinize the above mentioned dispatch report in terms of Scheduling and Dispatch Code (SDC) of Grid Code and prepare a report which shall comprise of;
 - a. all dispatch deviation from merit order;
 - b. the plants available but not dispatched ; and
 - c. Dispatch deviation justified or unjustified in terms of SDC of Grid Code along-with their financial impact.
- III. CPPA-G shall share the report with the system operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request.



18. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of August 2022, however, the same was not as per the

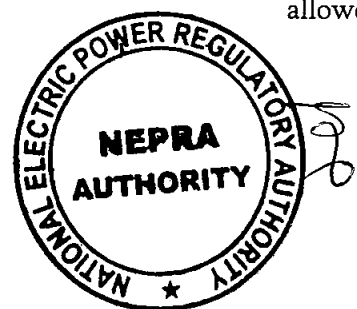
Dr. Malik



requirements of the Authority. Accordingly, CPPA-G was directed to submit that the report as per the desired format for consideration of the Authority.

19. NPCC/NTDC during the hearing, explained operation of power plants on RFO, however, the Authority observed that an in-house analysis has also been carried out, to work out the financial impact due to deviation from EMO based on the information submitted by NPCC. As per the in-house analysis/ workings carried out, the net amount deductible, on provisional basis, from the overall claim due to deviation from EMO is Rs. 285.41 million (Rs.267.89 million financial impact due to System constraints and Rs.17.52 million due to underutilization of efficient power plants).
20. The Authority has decided to deduct the aforementioned amounts provisionally in the instant FCA, until NPCC/ NTDC and CPPA-G provide the required details along-with complete justification in this regard to the satisfaction of the Authority.
21. Here it is also pertinent to mention that during the hearing of FCA for the month of April 2022 and onward, CPPA-G and NPCC agreed to revise the EMO list, posted on their website on actually available fuel(s). However, the merit order is still being prepared on old consideration i.e. with indigenous natural gas (pipeline quality gas), while this fuel is not available to plants since long. CPPA-G/NPCC is again directed to ensure compliance regarding preparation of EMO based on actual available fuel to the power plants.
22. Further the Authority also observed that Energy from Hub Power, Saif power, Sapphire and Halmore reported less than the Joint Meter readings by 203,800 kWh, 7,944 kWh, 394 kWh and 29,31 kWh, respectively. Accordingly, the lesser energy reported by CPPA-G has been adjusted while working out monthly FCA of XWDISCOs for August 2022.
23. In view of the above discussion, the Authority has calculated the fuel cost for the month of August 2022, after accounting for the aforementioned adjustments, and including costs arising out due to application of various factors, as provided in the respective PPAs of the Power Producers and claimed by CPPA-G in its FCA request. Here it is pertinent to mention that the amount arising out due to application of PPA factors, for the six RFO based IPPs, incorporated under 2002 Power Policy, is being allowed on provisional basis and shall be subject to adjustment, based on the final outcome of the ongoing *suo moto* proceedings against RFO based IPPs.
24. NTDCL, reported provisional T&T losses of 345.837 GWh i.e. 2.35%, based on energy delivered on NTDCL system during August 2022. NTDC in addition also reported T&T losses of 34.2273 GWh i.e. 2.64%, for PMLTC (HVDC) line.
25. NTDCL is allowed T&T losses of 2.80% only at 500KV and 220 KV network, while PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
26. Accordingly, for the month of August 2022, T&T losses of 345.837 GWh have been verified for NTDCL system based on units delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 34.2273 GWh, being within the Authority's allowed limit have also considered while working out the FCA of August 2022.

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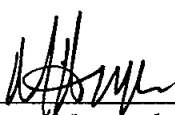


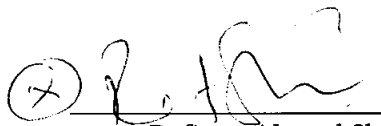
27. The Authority hereby directs CPPA-G to provide the Technically/financially verified data of each generation company pertaining to previous month along-with its next monthly FCA request, in order to ensure that any required adjustments are made in a timely manner.
28. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.0.1918/kWh (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of August 2022 as per the following details:

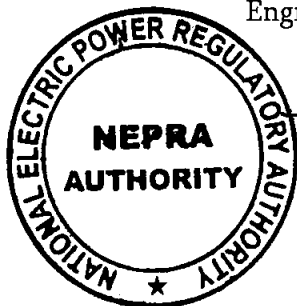
Actual Fuel Charge Component for August 2022	Rs.10.0852/kWh
Corresponding Reference Fuel Charge Component	Rs.9.8934/kWh
Fuel Price Variation for the month of August 2022-Increase	Rs.0.1918/kWh

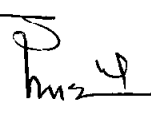
29. In view of the aforementioned, the Authority has decided that adjustment as referred above;
- Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.
 - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of August 2022.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of August 2022 in the billing month of October 2022; and
 - 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

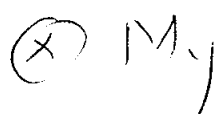

Engr. Maqsood Anwar Khan
Member


Rafique Ahmed Shaikh
Member




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Tauseef H. Farooq
Chairman

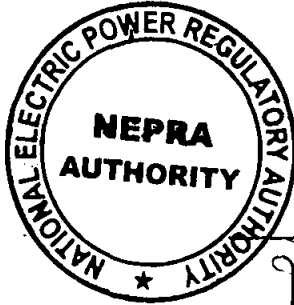
 My additional note is attached herewith.

Additional Note - Fuel Charges Adjustment of XWDISCOs for the month of August, 2022:

The three most efficient RLNG power plants in Pakistan Power Sector are the Quaid-e-Azam Thermal Power Plant (QATPL), two power plants of National Power Parks Management Company Limited at Haveli Bahadur Shah (HBS) and Baloki; efficiency of these power plants is above 61%. The utilization factors of these three most efficient RLNG power plants were; QATPL around (41.68%), HBS around (26.01%) and Baloki around (68.53%) during the month of August, 2022. It is noted that the accumulated claim by these power plants against part load operation is Rs 2.748 billion. In the wake of high load demand in the system and ongoing electricity shortfall in the country, the full utilization of these power plants could minimize the load shedding on one hand while on the other hand it could help avoid part load charges of Rs 2.748 billion.

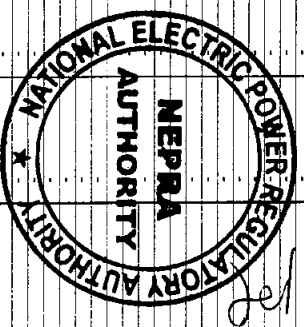
2. As per the data submitted by NPCC, the average RLNG allocated to power sector during the month of August, 2022 was 400 MMCFD against a demand of 875 MMCFD that resulted in indicative financial impact of Rs. 5.102 Billion during the aforesaid month. Efforts should be made to improve the supply chain of RLNG to fully utilize the most efficient RLNG power plants and avoid the part load adjustment charges.

3. The utilization factor of power plants at Central Power Generation Company Limited (CPGCL), including the newly commissioned Guddu 747 machine, remained very low despite availability of dedicated cheaper Gas. Forced outage of unit 16 (249 MW) of Guddu 747 and Guddu old units 6, 10, 11, 12 & 13 (565 MW) resulted in financial losses due to operation of costlier power plants.



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S.No.	Power Producers	Fuel	Dep. Capacity (MW)	A					B					C					D			E			F			G			Supp. Charges	Total Fuel Cost	Total VOAM	Total Energy Cost							
				Energy KWh	Fuel Charges	VOAM Charges	EP Billable month (Rs.)	Pwr. Adjustment in Fuel Cost (Rs.)	Pwr. Adjustment in VOAM (Rs.)	Pwr. Adjustment in EPP Total (Rs.)	Total Fuel Cost	Total VOAM	Total Energy Cost	EP Billable month (Rs.)	Pwr. Adjustment in Fuel Cost (Rs.)	Pwr. Adjustment in VOAM (Rs.)	Pwr. Adjustment in EPP Total (Rs.)	Total Fuel Cost	Total VOAM	Total Energy Cost																					
1	WAPDA	Hydro	6,972	3,188,057,856		244,642,443	244,642,443			(122,719)		(122,719)																													
	Hidro	Hidro	20			41,042,978	41,042,978																																		
	Hidro	Hidro	18			10,187,451	10,187,451																																		
	Hidro	Hidro	61	32,200,350		2,659,852	2,659,852																																		
	Hydro	Hydro	84	8,558,809		9,161,232	9,161,232																																		
2	GenCO-I	Gas	487	(167,572)		(8,378,218)	(8,378,218)																																		
	GenCO-II	Gas	390	79,328,958		641,901,588	641,901,588																																		
3	GenCO-III	Gas	530	7,171,237		4,797,259,528	4,797,259,528																																		
	GenCO-IV	Gas	721	333,228,000		256,443,024	256,443,024																																		
4	GenCO-V	Gas	1,641	18,027,682		963,154,083	963,154,083																																		
	GenCO-VI	Gas	566	(441,672)		(21,663,217)	(21,663,217)																																		
5	GenCO-VII	Gas	272	(99,829)		(2,713,739)	(2,713,739)																																		
	GenCO-VIII	Gas	355	(169,339)		(8,640,982)	(8,640,982)																																		
6	GenCO-IX	Gas	117	(8,877,309)		(8,877,309)	(8,877,309)																																		
	GenCO-X	Gas	87	5,904,820,177		117,303,138	117,303,138																																		
7	GenCO-XI	Gas	411	222,925,000		9,289,159,847	9,289,159,847																																		
	GenCO-XII	Gas	1,884	280,592,692		173,176,397	173,176,397																																		
8	GenCO-XIII	Gas	31			389,034,898	389,034,898																																		
	GenCO-XIV	Gas	4,204	11,820,165,781		12,189,289,747	12,189,289,747																																		
9	GenCO-XV	Gas	295	72,429,200		63,542,261	63,542,261																																		
	GenCO-XVI	Gas	782	143,597,000		53,528,652	53,528,652																																		
10	GenCO-XVII	Gas	748	16,927,100		10,074,285	10,074,285																																		
	GenCO-XVIII	Gas	248			511,869,748	511,869,748																																		
11	GenCO-XIX	Gas	1,338	146,857,320		134,429,364	134,429,364																																		
	GenCO-XX	Gas	1,328	72,416,000		20,714,016	20,714,016																																		
12	GenCO-XXI	Gas	172	60,300,000		66,973,508	66,973,508																																		
	GenCO-XXII	Gas	350	95,653,500		51,721,834	51,721,834																																		
13	GenCO-XXIII	Gas	350	65,979,000		26,098,585	26,098,585																																		
	GenCO-XXIV	Gas	350	65,979,000		3,427,398,035	3,427,398,035																																		



Handwritten text and signatures in the left margin, including 'B', 'AV', and 'Mall'.

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of August 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Ra.	VO&M Charges Ra.	EPP Billing month (Ra.)	Prev. Adjustment in Fuel Cost (Ra.)	Prev. Adjustment in VO&M (Ra.)	Prev. Adjustment in EPP Total Ra.	Supp. Charges	Total Fuel Cost Ra.	Total VO&M Ra.	Total Energy Cost (Ra.)
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	10,410,360	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	13,558,230	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	13,448,160	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	13,342,490	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	12,205,620	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	13,113,350	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	13,394,120	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-I Ltd.	Wind	50	11,495,200	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	50	11,582,170	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	14,219,370	-	-	-	-	-	-	-	-	-	-
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	17,300,700	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	11,566,860	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	13,646,430	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	19,781,440	-	-	-	-	-	-	-	-	-	-
45	SPPs	Mixed	257	17,779,474	84,530,014	-	84,530,014	-	-	-	-	84,530,014	-	84,530,014
	Sub-Total		2,643	481,931,728	84,530,014	-	84,530,014	-	-	-	-	84,530,014	-	84,530,014
	Sub-Total		39,760	14,052,589,426	141,351,063,190	4,509,411,768	145,860,474,958	(1,844,826,045)	18,573,959	(1,826,252,087)	-	139,506,237,145	4,527,985,727	144,034,222,871
Summary														
1	Hydel			5,353,893,919	-	669,933,017	669,933,017	-	9,689,411	9,689,411	-	-	679,622,428	679,622,428
2	Coal			2,163,010,900	44,437,090,556	987,706,078	45,424,796,635	418,261,474	14,503,817	432,765,291	-	44,855,372,030	1,002,209,595	45,857,581,926
3	HSD			-	-	-	-	38,373,332	1,263,399	39,636,731	-	38,373,332	1,263,399	39,636,731
4	F.O.			1,021,383,077	36,376,049,334	1,223,275,171	37,599,324,505	20,370,880	(5,794,992)	14,575,888	-	36,396,420,214	1,217,480,179	37,613,900,393
5	Gas			1,315,209,798	13,800,473,342	747,484,429	14,547,957,771	(58,592,146)	(1,371,253)	(59,963,399)	-	13,741,661,196	746,113,176	14,487,994,372
6	RLNG			1,755,788,094	43,402,907,401	850,768,715	44,253,676,116	(2,263,259,663)	(23,194)	(2,286,452,857)	-	41,139,647,738	850,745,521	41,990,393,259
7	Nuclear			1,873,977,000	1,910,339,891	-	1,910,339,891	-	-	-	-	1,910,339,891	-	1,910,339,891
8	Import from Iran			54,469,000	1,141,506,833	-	1,141,506,833	78	-	78	-	1,141,506,911	-	1,141,506,911
9	Wind Power			390,710,164	-	-	-	-	-	-	-	-	-	-
10	Solar			73,442,090	-	-	-	-	-	-	-	-	-	-
11	Bagasse			33,125,910	198,165,818	30,244,358	228,410,176	0	306,771	306,771	-	198,165,818	30,551,129	228,716,947
	Mixed			17,779,474	84,530,014	-	84,530,014	-	-	-	-	84,530,014	-	84,530,014
	Totals For The month			14,052,589,426	141,351,063,190	4,509,411,768	145,860,474,958	(1,844,826,045)	18,573,959	(1,826,252,087)	-	139,506,237,145	4,527,985,727	144,034,222,871
	Prev. Adjustments :			(1,098,342)	(1,844,826,045)	18,573,959	(1,826,252,087)	-	-	-	-	-	-	-
	GRAND TOTALS :			14,051,491,084	139,506,237,145	4,527,985,727	144,034,222,871	-	-	-	-	-	-	-

Energy Cost (Ra.)	139,506,237,145	4,527,985,727	144,034,222,871
Cost not chargeable to DISCOs (Ra.)	1,582,343,075	-	1,582,343,075
EPP (Chargeable) (Ra.)	137,923,894,070	4,527,985,727	142,451,879,796
Energy Sold (KWh)	13,638,753,196	13,638,753,196	13,638,753,196
Avg. Rate (Ra./KWh)	10.1126	0.3320	10.4446

Reference Rate (Ra./KWh)	9.8934
FCA Rate (Ra./KWh)	0.2192



				Annex-II	
Source Wise Generation					
Sources	August 2022				
	Reference		Actual		
	GWh	%	GWh	%	
Hydel	5,659.23	35.33%	5,353.69	38.10%	
Coal	3,781.25	23.61%	2,163.01	15.39%	
HSD	-	0.00%	-	0.00%	
RFO	-	0.00%	1,021.59	7.27%	
Gas	1,387.15	8.66%	1,315.21	9.36%	
RLNG	2,510.07	15.67%	1,755.80	12.49%	
Nuclear	1,892.81	11.82%	1,873.98	13.34%	
Import Iran	52.09	0.33%	54.47	0.39%	
Mixed	20.26	0.13%	17.78	0.13%	
Wind	571.00	3.56%	390.71	2.78%	
Baggasse	45.10	0.28%	33.13	0.24%	
Solar	99.44	0.62%	73.44	0.52%	
Total	16,018.40	100.0%	14,052.80	100.0%	
Sale to IPPs	(22.78)	-0.14%	(30.88)	-0.22%	
Transmission Losses	(505.01)	-3.15%	(380.06)	-2.70%	
Net Delivered	15,490.61	96.7%	13,641.86	97.08%	

Source Wise Fuel Cost/Energy Purchase Price				
Sources	August 2022			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	81,310.16	21.5035	44,437.09	20.5441
HSD	-	-	-	-
RFO	-	-	36,235.39	35.4697
Gas	10,718.37	7.7269	13,800.47	10.4930
RLNG	58,505.18	23.3082	43,402.91	24.7197
Nuclear	1,800.21	0.9511	1,910.33	1.0194
Import Iran	968.75	18.5983	1,141.51	20.9570
Mixed	133.45	6.5872	84.53	4.7544
Wind	-	-	-	-
Baggasse	274.58	6.0889	198.17	5.9822
Solar	-	-	-	-
Total	153,710.71	9.5959	141,210.40	10.0486
Supplemental Charges	-	-	(1,761.25)	(0.1253)
Sale to IPPs	(455.59)	-	(1,582.34)	(51.2456)
Grand Total	153,255.12	9.5674	137,866.81	9.8106
Transmission Losses	-	0.3260	-	0.2955
Total	153,255.12	9.8934	137,866.81	10.1062
EMO Deductions			(285.4)	
Net Total	153,255	9.8934	137,581	10.0852

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the October 14, 2022

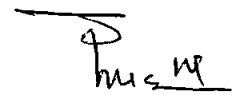
S.R.O. *1904* (I)/2022: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority makes and notifies the adjustments on account of variations in fuel charges in the approved tariff of XWDISCOs. The following is the fuel charges adjustment for the month of August 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	August 2022
Actual Fuel Charge Component for August 2022	Rs.10.0852/kWh
Corresponding Reference Fuel Charge Component	Rs.9.8934/kWh
Fuel Price Variation for the month of August 2022 - Increase	Rs.0.1918/kWh

Note: The Authority has reviewed and assessed an increase of Rs.0.1918/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of August 2022 as per the above details.

2. The above adjustment an increase of Rs.0.1918/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and 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 August 2022. XWDISCOs shall reflect the fuel charges adjustment in respect of August 2022 in the billing month of October 2022.

3. 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.


14 x 22

(Syed Safer Hussain)
Registrar

