



National Electric Power Regulatory Authority Islamic Republic of Pakistan

Registrar

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

December 16, 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 October 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 12 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of October 2022 and its Notification i.e. S.R.O. **2279** (I)/2022 dated 16.12.2022.

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)

(Syed Safer Hussain)

CC:

1. Secretary, Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad.
2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. 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 OCTOBER 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 October 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 October 2022 is Rs.9.4162/kWh, against the reference fuel cost component of Rs.9.1705/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 October 2022 increased by Rs.0.2457/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, was published in newspapers on November 18, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on November 29, 2022 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. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;

2002 Power Policy Plants

All purchases have been made from Generation Companies having valid generation License issued by NEPRA.



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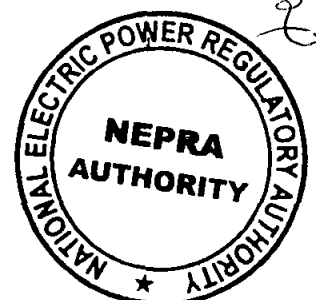
- ii. Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
- iii. The above statement is true, based on facts and from verifiable documentary 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
 - v. 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.
- c) **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 October 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 .
8. 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.
9. The Authority observed that CPPA-G has purchased energy of 47.77 GWh from Tavanir Iran in October 2022 at a cost of Rs.1,012 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 provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.

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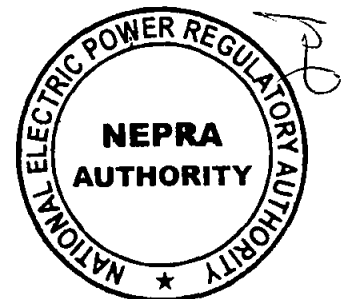


10. Regarding the current month cost of October 2022, the fuel cost of the following power plants have been adjusted downwards as per the Authority's latest approved FCC rates for the month of October 2022, as detailed below;

Plants	Energy (kWh)	Fuel Charge Claimed by CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Saif Power	50,465,679	1,484,622,676	1,246,632,636	(237,990,039)
QATPL	669,995,100	16,176,910,208	13,888,459,709	(2,288,450,499)
Haveli Bahadur Shah	254,464,600	6,205,474,491	5,228,752,113	(976,722,378)
Baloki	724,091,300	17,125,787,396	14,705,089,535	(2,420,697,861)
Total	1,699,016,679	40,992,794,771	35,068,933,993	(5,923,860,778)

11. CPPA-G has also claimed positive amount of Rs.2,241 million as previous adjustments in FCA of October 2022, and in support of its claim provided invoices accordingly.
12. Regarding Adjustment of Rs.17 million for GENCO-III, upon inquiry CPPA-G submitted that the adjustment is on account of partial load pertaining to previous periods. Since the claim requires Technical verification, therefore, the claimed cost is not being considered while working out the instant FCA calculation and the impact of same if any would be considered in subsequent monthly FCAs once NEPRA completes its verification in this regard.
13. Regarding adjustment of Uch-II for the period from April 2014 to May 2016 claimed by CPPA-G in monthly FCA of August 2022, the same has been considered based on energy and other technical factors verified by NEPRA. The amount so verified works out as Rs. 84 million, which has been incorporated in the instant FCA.
14. Similarly, invoice of QATPL for the month of July 2022 was also verified regarding Energy numbers and associated hourly part load. The said verification has resulted in deduction of Rs. 28.8 million from the amount already allowed for QATPL for the month of July 2022, which has been adjusted in the instant FCA.
15. Further, during FCA of August 2022, while allowing the Previous Adjustment an error has been noted, the impact of which is Rs.167 million. The same has been adjusted back in the instant FCA decision. For the remaining previous adjustments claims the same have been verified and accordingly considered while working out the instant Monthly Fuel Charges adjustment.
16. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

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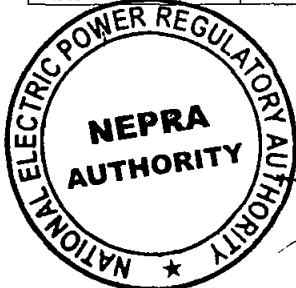




Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Proposed Rs.	Difference
Atlas Power	30,160,028	30,160,028	-
Nishat Power	54,389,403	54,389,403	-
Orient	(17,960,398)	(17,960,398)	-
Nishat Chunian	70,966,727	70,966,727	-
Engro Energy	(6,610,385)	(6,610,385)	-
Saphire Power	(106,282)	(106,282)	-
Hubco Narowal	19,366,731	19,366,731	-
Liberty Power	21,523,217	21,523,217	-
Halmore	(436,604)	(436,604)	-
China Hub Power (Pvt.) Ltd	(21,184,160)	(21,184,160)	-
Engro PowerGen Thar TPS	(367,147)	(367,147)	-
QATPL	(162,496,460)	(162,496,460)	-
Haveli Bahadur Shah	(516,515,473)	(516,515,473)	-
Huaneng Shandong Ruyi Energy (Pvt) Ltd	481,574,798	481,574,798	-
Baloki	(227,501,960)	(227,501,960)	-
Port Qasim	(175,856,809)	(175,856,809)	-
Lucky Electric Power Company Limited	(3,631,867)	(3,631,867)	-
AES Lalpir	(2,794)	(2,794)	-
Pak Gen Power Limited	(728)	(728)	-
Saba Power	(342)	(342)	-
Uch	(133,027)	(133,027)	-
Liberty	(141,365)	(141,365)	-
Chashma Nuclear	(9,749)	(9,749)	-
Chashma Nuclear-II	367,959,414	367,959,414	-
KAPCO	(412,416)	(412,416)	-
GENCO-I ***	(8,992,212)	(8,992,212)	-
GENCO-II ***	(291,326,901)	(291,326,901)	-
GENCO-III ***	17,040,730	-	(17,040,730)
Uch II	-	83,209,024	83,209,024
Habibullah Coastal Power Co. (Pvt.) Ltd.	46,403,038	46,403,038	-
KAPCO PSO	2,564,803,040	2,564,803,040	-
Engro PowerGen Thar TPS	-	13,618,833	13,618,833
Previous Adjustment of August 2022	-	(167,155,084)	(167,155,084)
QATPL (HSD)	-	(28,891,760)	(28,891,760)
Total	2,240,500,047	2,124,240,331	(116,259,716)

17. As per the data submitted by CPPA-G, XWDISCOs purchased 14.769 GWh from Captive Power Plants (CPPs) during October 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.67.898 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of October 2022.
18. The Authority in earlier FCA decision of XWDISCOs, 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 reported the exported energy in the monthly FCA data for the month of October 2022 as detailed below;

BILL MONTH	NO OF CONSUMERS	SANCTION LOAD (MW)	BY DISTRIBUTED GENERATORS					
			EXPORTED UNITS (KWH)		NET OFF EXPORTED UNITS (KWH)		EXPORTED UNITS BILLED @ NAPP (KWH)	
			OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK
October 2022	34,445	868.28	34,723,221	258,993	22,214,052	110,664	12,509,169	148,329



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19. Based on the above data as provided by CPPA-G, net of exported units i.e. 12.65 GWh, have been considered as purchases by DISCOs for the month of October @ National Average Purchase Price (NAPP) i.e. Rs.19.32/kWh as per the tariff notified w.e.f. 25.07.2022 has been considered for the FCA of October 2022.
20. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.5,276.78 million, during the month of October 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.
21. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of October 2022, however, the same was not as per the requirements of the Authority. Accordingly, CPPA-G was directed to submit the report as per the desired format for consideration of the Authority.
22. 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. 43.79 million (Rs.36.10 million financial impact due to System constraints and Rs.7.69 million due to underutilization of efficient power plants).
23. 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.



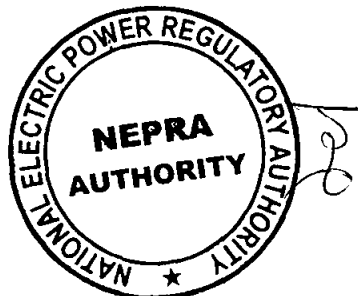
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24. In view of the above discussion, the Authority has calculated the fuel cost for the month of October 2022, after accounting for the aforementioned adjustments, and including costs arising out due to application of various factors, as provided in 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.
25. NTDCL, reported provisional T&T losses of 264.096 GWh i.e. 2.363%, based on energy delivered on NTDCL system during October 2022. NTDC in addition also reported T&T losses of 27.31 GWh i.e. 2.566%, for PMLTC (HVDC) line.
26. Accordingly, for the month of October 2022, T&T losses of 264.096 GWh for NTDCL system based on units delivered only at 500KV and 220 KV network and claimed T&T losses i.e. 27.31 GWh for PMLTC (HVDC), being within the Authority's allowed limit have considered while working out the FCA of October 2022.
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 a decrease of (Rs.0.3213/kWh) (**Annex-II**) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of October 2022 as per the following details:

Actual Fuel Charge Component for October 2022	Rs.8.8492/kWh
Corresponding Reference Fuel Charge Component	Rs.9.1705/kWh
Fuel Price Variation for the month of October 2022-Decrease	(Rs.0.3213/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 lifeline consumers, domestic consumers consuming up-to 300 units, Electric Vehicle Charging Stations (EVCS) and Agriculture Consumers of all the XWDISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level.
 - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of October 2022.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of October 2022 in the billing month of December 2022;



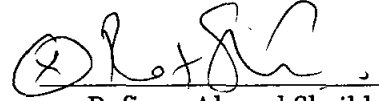
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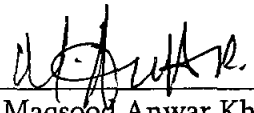


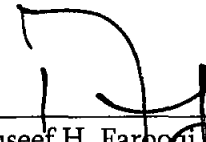
- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

AUTHORITY

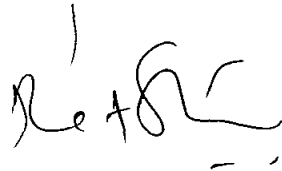
Mathar Niaz Rana (nsc)
Member

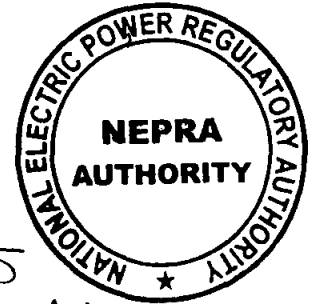

Rafique Ahmed Shaikh
Member

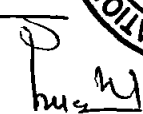

Engr. Maqsood Anwar Khan
Member


Tauseef H. Farooqi
Chairman

⊗ My additional note is attached.





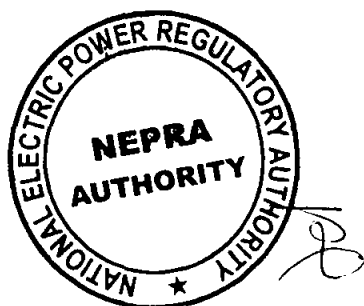

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Additional Note - Fuel Charges Adjustment of XWDISCOs for the month of October, 2022:

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 (76.32%), HBS around (27.81%) and Baloki around (73.73%) during the month of October, 2022. It is noted that the accumulated claim by these power plants against part load operation is Rs 3.213 billion. 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 3.213 billion.

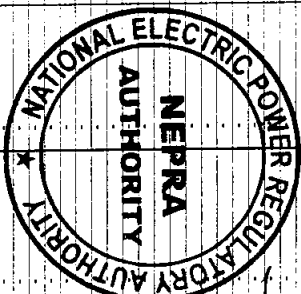
2. As per the data submitted by NPCC, the average RLNG allocated to power sector during the month of October, 2022 was 400 MMCFD against a demand of 715 MMCFD that resulted in indicative financial impact of Rs. 259.81 Million during the aforesaid month. Efforts should be made to improve the supply chain 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 i.e. 10, 11, 12 & 13 (580 MW) resulted in financial losses due to operation of costlier power plants.



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

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy MWh	Fuel Charges Rs.	VOAM Charges Rs.	EPB Billing month (Rs.)	Pre-Adjustment in Fuel Cost (Rs.)	Pre-Adjustment in VOAM (Rs.)	Pre-Adjustment in EPB Total Rs.	Supp. Charges	Total Fuel Cost (Rs.)	Total VOAM Rs.	Total Energy Cost (Rs.)
7	Habibullah	Gas	129									46,403,038		46,403,038
8	Fuji Kashiwa	Gas	151									140,975,230	1,283,192	142,258,422
9	Rosah	NG	395	3,589,165	140,975,572	1,283,192	142,258,422	(142)	(973)	(1,015)		2,835,191,572	130,648,937	2,965,840,509
10	Saba Power	NG	126	236,667,000	2,835,324,398	130,648,937	2,965,133,296	(133,027)	(779)	(133,027)		2,374,920,472	64,971,280	2,439,891,752
11	Liberty	Gas	549									237,778,120	(8,749)	237,769,371
12	Liberty	Gas	212									237,778,120	(8,749)	237,769,371
13	Liberty	Gas	27									237,778,120	(8,749)	237,769,371
14	Liberty	Gas	300	103,184,100	2,375,081,837	64,972,094	2,440,033,905	(141,385)	(779)	(142,164)		237,778,120	(8,749)	237,769,371
15	Chattam Nuclear	Nucl.	315	195,108,000	223,885,000		223,885,000					223,885,000		223,885,000
16	Chattam Nuclear	Nucl.	340	223,885,000	223,885,000		223,885,000					223,885,000		223,885,000
17	Chattam Nuclear	Nucl.	340	223,885,000	223,885,000		223,885,000					223,885,000		223,885,000
18	Chattam Nuclear	Nucl.	340	223,885,000	223,885,000		223,885,000					223,885,000		223,885,000
19	Chattam Nuclear	Nucl.	340	223,885,000	223,885,000		223,885,000					223,885,000		223,885,000
20	Chattam Nuclear	Nucl.	340	223,885,000	223,885,000		223,885,000					223,885,000		223,885,000
21	Chattam Nuclear	Nucl.	340	223,885,000	223,885,000		223,885,000					223,885,000		223,885,000
22	Thermax	Import	86									1,011,638,337		1,011,638,337
Sub-Total			8,633	2,697,961,085	11,357,570,535	237,593,424	11,595,163,959	387,258,893	(493,328)	386,765,565	2,811,206,078	14,338,035,622	257,099,714	14,595,135,336
1	Abaco-Cem	RF-C	158	16,672,345	527,427,154	32,176,865	559,604,019	30,180,028	21,733,197	51,913,224		437,147,154	32,706,065	469,853,219
2	Abaco-Cem	RF-C	214	16,374,424	478,594,748	32,176,865	510,771,613	30,180,028	21,733,197	51,913,224		437,147,154	32,706,065	469,853,219
3	Widit Power	RF-C	195	13,728,782	412,211,019	28,489,418	440,700,437	54,389,417	(5,029)	54,384,387		384,311,050	28,889,640	413,193,690
4	Foundation Power	RF-C	171	10,165,158	817,005,042	104,778,418	915,783,560	(17,860,388)	(803)	(17,861,191)		817,005,042	104,779,418	921,784,460
5	Orient	RF-C	213	8,985,518	316,472,295	15,472,860	331,945,455	70,986,777	18,601,275	87,588,052		307,439,522	32,074,155	339,513,677
6	Hubhal Chittam	RF-C	186	50,465,679	1,464,622,676	49,817,891	1,514,440,567					1,464,622,676	49,817,891	1,514,440,567
7	Swif Power	RF-C	204									462,024,078		462,024,078
8	Engro Energy	RF-C	213	57,811,004	469,634,463	48,319,210	514,953,673	(8,810,385)		(8,810,385)		462,024,078	48,319,210	510,343,288
9	Sagitta Power	RF-C	203	6,333,630	259,230,570	8,138,418	267,368,988	(106,282)		(106,282)		259,230,570	8,138,418	267,368,988
10	Hubco Thermal	RF-C	214	14,859,107	481,802,087	22,401,580	504,203,667	19,386,731	10,877,114	30,263,845		437,147,154	32,706,065	469,853,219
11	Liberty Power	RF-C	198	10,029,844	312,599,288	28,487,719	341,086,968	21,523,217	24,024,970	45,548,187		334,522,505	42,835,147	377,357,652
12	Hubco Thermal	RF-C	199	38,384,018	1,411,588,960	39,041,233	1,450,630,193	(439,604)		(439,604)		1,411,522,356	39,041,233	1,450,563,589
13	Hubco Thermal	RF-C	281	248,946,040	2,489,532,311	130,950,008	2,620,482,319					2,489,532,311	130,950,008	2,620,482,319
14	Hubco Thermal	RF-C	28	12,527,900	74,944,403	74,944,403	74,944,403					74,944,403		74,944,403
15	Hubco Thermal	RF-C	26	13,410,770	80,225,908	28,487,719	108,713,627					80,225,908	28,487,719	108,713,627
16	Hubco Thermal	RF-C	24	4,925,900	28,487,719	28,487,719	28,487,719					28,487,719		28,487,719
17	Chittam Power	RF-C	62	9,948,030	41,589,889		41,589,889					41,589,889		41,589,889
18	Hubco Thermal	RF-C	15											
19	Hubco Thermal	RF-C	38	14										
20	Hubco Thermal	RF-C	22											
21	Chattam Energy Limited	RF-C	1,201	304,033,900	7,610,700,223	183,570,077	8,024,270,300	(21,184,180)	(158,098,195)	(177,282,375)		7,448,516,083	7,470,281	7,455,045,802
22	Chattam Energy Limited	RF-C	692	241,313,200	3,353,697,638	374,271,782	3,727,969,420	(387,137)	(584,029,118)	(386,765,565)		3,332,330,492	10,398,650	3,342,729,142
23	Chattam Energy Limited	RF-C	41											
24	Chattam Energy Limited	RF-C	41											
25	Chattam Energy Limited	RF-C	1,180	699,995,100	16,178,910,206	580,814,916	16,757,725,126	(182,466,640)	(489)	(182,467,129)		16,014,413,748	580,814,930	16,595,228,678
26	Hubco Thermal	RF-C	1,201	254,464,900	6,205,674,481	78,758,784	6,284,433,265	(516,515,473)		(516,515,473)		5,988,959,018	78,758,784	6,067,717,802
27	Hubco Thermal	RF-C	1,320	175,381,300	4,989,215,995	42,289,303	5,031,485,301	481,574,798	(1,484)	481,573,314		4,817,911,584	42,287,609	5,159,899,193
28	Hubco Thermal	RF-C	1,320	724,081,200	17,375,816,389	250,028,728	17,625,845,117	(227,501,980)		(227,501,980)		16,898,285,439	250,028,728	17,148,314,167
29	Hubco Thermal	RF-C	1,320	310,569,500	5,637,146,895	184,853,928	5,821,466,995	(175,668,809)	(573,086)	(176,241,895)		5,445,206,196	(573,086)	5,444,633,110
30	Hubco Thermal	RF-C	690	389,952,400	5,830,299,877	184,853,928	6,015,153,806	(3,631,897)	(851,133)	(3,632,030)		5,826,668,110	184,853,928	6,011,522,038
31	Hubco Thermal	RF-C	1,320	51,000	1,466,982		1,466,982					1,466,982		1,466,982
32	Hubco Thermal	RF-C	330	155,256,500	1,418,206,025	2,204,639,247	1,418,206,025	(454,648,641)	(449,454,480)	(904,103,121)		77,620,409,104	1,418,206,025	79,038,615,129
33	Hubco Thermal	RF-C	22,330	3,946,579,823	78,076,095,746	2,466,266,286	80,282,759,932	(17,427,649)	(449,247,809)	(19,875,498)	2,611,206,078	77,620,409,104	2,077,238,481	79,397,793,205
Sub-Total			22,330	6,534,541,788	89,432,666,285	2,466,266,286	91,899,932,882	(454,648,641)	(449,247,809)	(904,103,121)	2,611,206,078	81,935,444,726	2,077,238,481	83,912,783,205



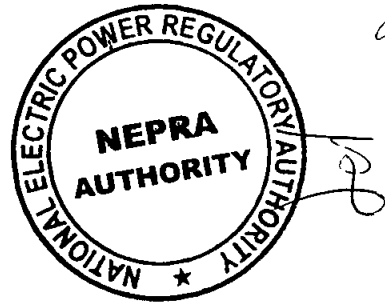
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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of October 2022

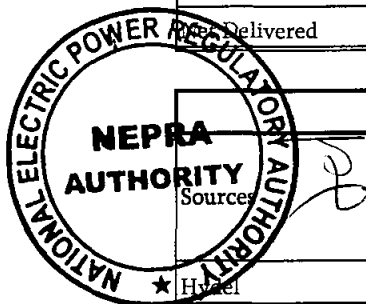
S.No	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)	
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	3,882,790	-	-	-	-	-	-	-	-	-	-	
32	Master Green Energy Limited	Wind	50	7,234,480	-	-	-	-	-	-	-	-	-	-	
33	Lucky Renewables (Private) Limited	Wind	50	7,008,040	-	-	-	-	-	-	-	-	-	-	
34	ACT2 DHI Wind (Pvt) Ltd.	Wind	50	7,135,730	-	-	-	-	-	-	-	-	-	-	
35	Arctic Wind Power (Pvt) Ltd.	Wind	50	6,371,360	-	-	-	-	-	-	-	-	-	-	
36	Indus Wind Energy Ltd.	Wind	50	7,958,900	-	-	-	-	-	-	-	-	-	-	
37	Lakeland Energy Limited	Wind	50	7,232,920	-	-	-	-	-	-	-	-	-	-	
38	Liberty Wind Power-I Ltd.	Wind	50	6,481,430	-	-	-	-	-	-	-	-	-	-	
39	DHI Energy Ltd.	Wind	50	5,483,420	-	-	-	-	-	-	-	-	-	-	
40	Gul Ahmed Electric Limited	Wind	50	8,180,100	-	-	-	-	-	-	-	-	-	-	
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	16,255,500	-	-	-	-	-	-	-	-	-	-	
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	6,555,330	-	-	-	-	-	-	-	-	-	-	
43	NASDA Green Energy Limited	Wind	50	7,325,890	-	-	-	-	-	-	-	-	-	-	
44	Metro Wind Power Limited	Wind	50	11,398,310	-	-	-	-	-	-	-	-	-	-	
45	Net Metering Net Exported units	Wind	-	12,657,498	-	-	-	-	-	-	-	-	-	-	
46	SPPs	Mixed	257	14,769,480	67,898,185	-	67,898,185	-	-	-	-	67,898,185	-	67,898,185	
Sub-Total			2,643	316,207,666	67,898,185	-	67,898,185	-	-	-	-	67,898,185	-	67,898,185	
G-Total:			39,760	10,704,941,172	96,566,877,843	3,121,120,163	99,687,798,006	(370,706,031)	(548,994,027)	(919,700,058)	2,611,206,078	98,807,177,890	2,572,126,136	101,379,304,026	
Summary															
1	Hydel			3,143,815,580	-	318,649,661	316,649,661	-	(99,104,098)	(99,104,098)	-	-	217,545,563	217,545,563	
2	Coal			1,658,616,500	29,178,268,858	775,421,071	29,953,687,828	280,534,616	(521,684,612)	(241,149,797)	-	29,458,801,672	253,736,459	29,712,538,131	
3	HSD			-	-	-	-	-	-	-	-	-	-	-	
4	F.O.			156,572,015	5,276,785,724	206,393,184	5,483,178,908	204,038,344	71,796,856	275,835,199	2,564,803,040	8,045,827,108	278,190,040	8,323,817,148	
5	Gas			1,296,366,959	13,801,003,881	758,427,482	14,559,431,343	(298,211,678)	(778)	(298,212,456)	46,403,038	13,549,195,241	758,426,884	14,307,621,925	
6	RLNG			1,843,741,959	44,649,039,445	1,064,228,784	45,713,268,229	(925,017,177)	(991)	(925,018,168)	-	43,724,022,268	1,064,227,793	44,788,250,061	
6	Nuclear			2,206,333,000	2,355,837,412	-	2,355,837,412	367,949,665	-	367,949,665	-	2,723,787,077	-	2,723,787,077	
7	Import from Iran			47,774,000	1,011,638,337	-	1,011,638,337	-	-	-	-	1,011,638,337	-	1,011,638,337	
8	Wind Power			222,359,788	-	-	-	-	-	-	-	-	-	-	
9	Solar			79,078,417	-	-	-	-	-	-	-	-	-	-	
10	Bagasse			37,813,514	228,208,003	-	228,208,003	-	(403)	(403)	-	228,208,003	(403)	228,207,600	
11	Mixed			14,769,480	67,898,185	-	67,898,185	-	-	-	-	67,898,185	-	67,898,185	
Totals For the month				10,704,941,172	96,566,877,843	3,121,120,163	99,687,798,006	(370,706,031)	(548,994,027)	(919,700,058)	2,611,206,078	98,807,177,890	2,572,126,136	101,379,304,026	
Prev. Adjustments :				(4,090,173)	2,240,500,047	(548,994,027)	1,891,506,021	-	-	-	-	-	-	-	-
GRAND TOTALS :				10,700,850,999	98,807,177,890	2,572,126,136	101,379,304,026	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	98,807,177,890	2,572,126,136	101,379,304,026
Cost not chargeable to DISCOs (Rs.)	1,093,082,759	-	1,093,082,759
EPP (Chargeable) (Rs.)	97,714,095,131	2,572,126,136	100,286,221,267
Energy Sold (KWh)	10,377,257,841	10,377,257,841	10,377,257,841
Avg. Rate (Rs./KWh)	9.4162	0.2479	9.6640

Reference Rate (Rs./KWh)	9.1705
FCA Rate (Rs./KWh)	0.2457



				Annex-II
Source Wise Generation				
Sources	October 2022			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	3,562.03	31.78%	3,143.62	29.37%
Coal	2,696.97	24.06%	1,656.52	15.47%
HSD	-	0.00%	-	0.00%
RFO	-	0.00%	156.57	1.46%
Gas	1,354.70	12.09%	1,296.37	12.11%
RLNG	1,316.89	11.75%	1,843.74	17.22%
Nuclear	1,764.14	15.74%	2,206.33	20.61%
Import Iran	40.56	0.36%	47.77	0.45%
Mixed	23.82	0.21%	14.77	0.14%
Wind	308.29	2.75%	209.70	1.96%
Baggasse	41.09	0.37%	37.81	0.35%
Solar	99.86	0.89%	79.08	0.74%
Net Metering Units			12.66	
Total	11,208.33	100.0%	10,704.94	99.9%
Sale to IPPs	(15.94)	-0.14%	(32.86)	-0.31%
Transmission Losses	(383.63)	-3.42%	(291.41)	-2.72%
Delivered	10,808.77	96.4%	10,380.67	96.97%



Source Wise Fuel Cost/Energy Purchase Price				
Sources	October 2022			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	55,116.02	20.4363	29,178.27	17.6142
HSD	-	-	-	-
RFO	-	-	5,276.79	33.7020
Gas	10,331.55	7.6264	13,801.00	10.6459
RLNG	31,124.29	23.6347	44,649.04	24.2165
Nuclear	1,708.03	0.9682	2,355.84	1.0678
Import Iran	754.26	18.5983	1,011.64	21.1755
Mixed	156.91	6.5872	67.90	4.5972
Wind	-	-	-	-
Baggasse	249.70	6.0771	226.21	5.9822
Solar	-	-	-	-
Net metering			244.54	19.32
Total	99,440.77	8.8720	90,887.36	8.4902
Supplemental Charges	-	-	2,110.62	0.1972
Sale to IPPs	(318.78)	-	(1,093.08)	(33.2635)
Grand Total	99,121.98	8.8436	91,904.90	8.5853
Transmission Losses	-	0.3269	-	0.2682
Total	99,121.98	9.1705	91,904.90	8.8535
EMO Deductions			(43.8)	
Net Total	99,122	9.1705	91,861	8.8492

12 *Dr. M. A. Akbar*

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the December 16, 2022

S.R.O. 2279 (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 October 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

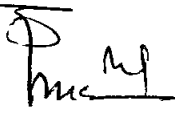
Actual Fuel Charge Component for October 2022	Rs. 8.8492/kWh
Corresponding Reference Fuel Charges Component	Rs. 9.1705/kWh
Fuel Price Variation for the month of October 2022 - (Decrease)	(Rs.0.3213/kWh)

Note: The Authority has reviewed and assessed a decrease of (Rs.0.3213/kWh) in the applicable tariff for XWDISCOs on account of variation in the fuel charges for the month of October 2022 as per the above details.

2. The above adjustment, a decrease of (Rs.0.3213/kWh), shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming upto 300 units, Electric Vehicle Charging Stations (EVCs) and Agriculture Consumers of all the XWDISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level.

3. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of October 2022 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of October 2022 in the billing month of December 2022.

4. 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.


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(Syed Safer Hussain)
Registrar

Kalms

