



Registrar

National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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No. NEPRA/R/TRF-100/MFPA/5236-52

April 15, 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 February 2022 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the Decision of the Authority (10 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of February 2022 and its Notification i.e. S.R.O. 513(I)/2022 dated 14.04.2022.

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)

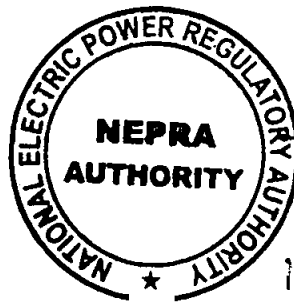
CC:

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. Managing Director, PEPCO, 721 - WAPDA House, Lahore.
5. Member (Power), WAPDA, WAPDA House, Lahore.
6. Managing Director, NTDC, 414 WAPDA House, Lahore.
7. 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 FEBRUARY 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 February 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 February 2022 is Rs.9.1957/kWh, against the reference fuel cost component of Rs.4.2516/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2019-20. The actual fuel charges, as reported by CPPA-G, for the month of February 2022 increased by Rs.4.9441/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 March 20, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on March 31, 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;





- 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.

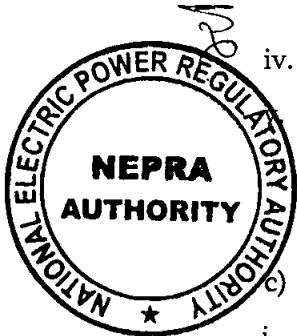
- iv. All purchases have been made in accordance with the Power Purchase Agreement
- The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising 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 February 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 33.822 GWH from Tavanir Iran in February 2022 at a cost of Rs.530.628 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.

10. The Authority, from the data provided by CPPA-G, observed that fuel cost of certain power plants has not been claimed by CPPA-G as per the Authority's approved rates, accordingly, the same has been adjusted downward in line with the Authority's approved rates for the month of February 2022, as detailed below;

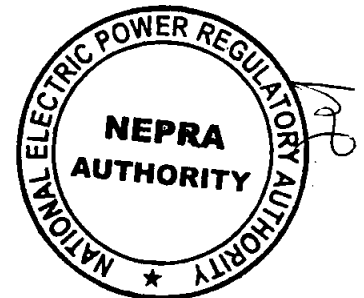
Plants	Energy (kWh)	Fuel Charge Claimed by CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Orient	6,376,934	107,768,963	106,337,099	(1,431,864)
Haveli Bahadur Shah	590,631,000	8,377,729,791	8,256,668,852	(121,060,939)
QATPL	39,330,300	573,426,758	566,435,156	(6,991,602)
Baloki	589,668,900	8,501,009,888	8,377,904,418	(123,105,470)
Total	1,226,007,134	17,559,935,400	17,307,345,526	(252,589,874)

11. CPPA-G also claimed an amount of Rs.432 million on account of previous adjustments in the FCA of February 2022. The same has been verified as negative Rs.18.9 million and accordingly has been included in the monthly FCAs of February 2022. A summary of the amounts claimed by CPPA-G and allowed by the Authority is as under;

Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. allowed Rs.
Baloki	(1,201,493)	(1,201,493)
	(351,267,777)	(351,267,777)
Halmore	-	-
	(1,279,202)	(1,279,202)
Haveli Bahadur Shah	(2,334,106,714)	(2,545,262,316)
Huaneng Shandong Ruyi Energy (Pvt) Ltd	283,001,447	283,001,450
Liberty Power	191,993,576	191,993,576
Saif Power	(4,172,217)	(4,172,217)
Saphire Power	(4,181,665)	(4,181,665)
Port Qasim	370,216,615	315,991,332
QATPL	1,189,209,420	1,176,800,327
	(67,629,905)	(67,629,905)
Engro PowerGen Thar TPS	129,807,697	112,440,703
China Hub Power (Pvt.) Ltd	(147,299,185)	(248,461,061)
Engro Energy	28,445,148	-
Foundation Power	(2,036,893)	(2,036,893)
Nishat Power	80,136,768	80,136,768
Nishat Chunian	171,942,934	171,942,934
Tavanir Iran	59,514,899	59,514,899
Kanupp - PAEC (K-2/ K-3 Project)	(15,300,640)	(15,300,640)
Liberty	(284,179,232)	(284,179,232)
Uch	(14,697,129)	(14,697,129)
Saba Power	(168,588)	(168,588)
KAPCO	(39,479,471)	(39,479,471)
Uch II	(1,328,282)	(1,328,282)
Atlas Power	233,896,265	233,896,264
Hubco Narowal	334,779,120	334,779,197
Habibullah	556,836,444	556,836,444
Guddu 747 (CC)	(1,990,072)	(1,990,072)
Nandipur	(3,100,146)	(3,100,146)
GENCO-III (Unit 3)	26,339,414	-
Chashma Nuclear C1	49,495,354	49,495,354
Total	432,196,488	(18,906,842)

12. As per the data submitted by CPPA-G, XWDISCOs purchased 10.148 GWh from Captive Power Plants (CPPs) during February 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.51.960 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of February 2022.

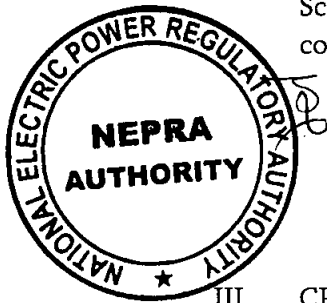
13. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.11,301 million during the month of February





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. The Authority considering fact that

14. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of February 2022, however, the same was not as per the requirements of the Authority. Accordingly, CPPA-G was directed to submit ~~the~~ the report as per the desired format for consideration of the Authority.
15. During the hearing NPCC/NTDC explained that due to non-availability of RLNG as per the requirements electricity was generated through RFO/HSD based power plants. Upon directions of the Authority NPCC/NTDC also provided justifications, showing hourly generation along-with the reasons for operation of HSD/RFO, the Authority has decided ~~not~~ to deduct any amount in the instant monthly FCA on account of deviation from EMO.
16. In view of the above discussion, the Authority has calculated the fuel cost for the month of February 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.
17. NTDC, reported provisional T&T losses of 241.142 GWh based on energy delivered on NTDC system during February 2022. NTDC in addition also reported T&T losses of 22.899 GWh for PMLTC (HVDC) line.
18. NTDC 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%.

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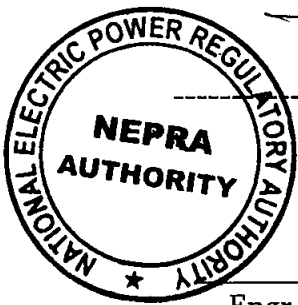
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19. Accordingly, for the month of February 2022, T&T losses of 241.14 GWh have been verified for NTDCL system based on units delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 22.899 GWh i.e. 2.65%, being within the Authority's allowed limit have also considered while working out the FCA of February 2022.
20. 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.
21. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.4.8530/kWh (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of February 2022 as per the following details:

Actual Fuel Charge Component for February 2022	Rs.9.1046kWh
Corresponding Reference Fuel Charge Component	Rs.4.2516/kWh
Fuel Price Variation for the month of February 2022-Increase	Rs.4.8530/kWh

22. In view of the aforementioned, the Authority has decided that adjustment as referred in Para 21 above;
 - a. Shall be applicable to all the consumer categories except lifeline consumers.
 - b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of February 2022.
 - c. XWDISCOs shall reflect the fuel charges adjustment in respect of February 2022 in the billing month of April 2022; and
 - 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.



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AUTHORITY

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Engr. Maqsood Anwar Khan
Member

(X)

Rafique Ahmed Shaikh
Vice chairman/Member

Tauseef H. Farooq
Chairman

(X) Dissent: As per data submitted by NPCC, the short supply of the RLNG during the month resulted in financial impact of Rs 1.374 bn. As the RLNG is imported fuel and its availability can be enhanced through better supply chain management; accordingly, such mismanagement into the availability of required RLNG can't be

passed on to consumers.

The operation of less efficient plants, like KAPCO on RFO, against the most efficient RLNG power plants (COATPL Bhitk) has adversely affected the cost of fuel.

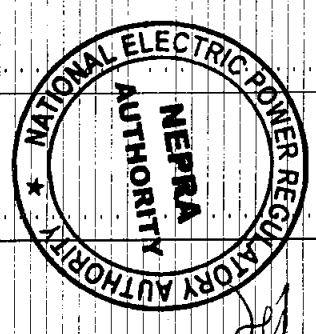
I have also reservations on the purchase of electricity from all those IPPs, whose PPAs were amended/extended without approval of the Authority.

1
Rt Hon^{ble}
13/4/22



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

S.No	Power Producers	Fuel	Dep. Capacity (MW)	A		B		C		D-B-C		E		F		G-E-F		H		I-B-E-H		J-C-F		Total Energy Cost (Rs.)									
				Energy kWh	Fuel Charges Rs.	VOAM Charges Rs.	EP Billing month (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in VOAM (Rs.)	Prev. Adjustment in EP (Rs.)	Supp. Charges	Total Fuel Cost Rs.	Total VOAM Rs.																				
1	WAPDA	Hydel	6,902	1,340,380,770		101,568,937	101,568,937																										
				Hydel	30	1,065,308		2,741,821	2,741,821																								
				Hydel	18	11,550,380		3,658,005	3,658,005																								
				Hydel	81	28,980,020		8,978,010	8,978,010																								
				Hydel	147	13,315,300		2,455,341	2,455,341																								
				Hydel	8	106,108																											
				Hydel	969	51,880,800																											
				Hydel	1,478	18,187,430																											
				Hydel	101	1,938,280																											
				Hydel	37	378,370																											
				Hydel	17																												
				Hydel Total:			9,872	1,413,760,747		122,540,212	122,540,212																						
				2	GENCO-I	Gas	390	79,080,900	642,369,813	5,447,286	647,817,109			400		400																	
								Gas	530	79,080,900	642,369,813	5,447,286	647,817,109			400		400															
								Gas	721	108,017,009	718,803,348	83,043,390	856,947,345	(1,990,721)																			
								Gas	1,541	187,734,900	1,431,273,788	73,480,606	1,504,754,454	(1,990,721)																			
								Gas	566																								
Gas	390																																
Gas	530																																
Gas	721																																
Gas	1,541																																
Gas	566																																
Gas	390																																
Gas	530																																
Gas	721																																
Gas	1,541																																
Gas Total:								79,080,900	642,369,813	5,447,286	647,817,109			400		400																	
3	GENCO-II	Gas	566					79,080,900	642,369,813	5,447,286	647,817,109			400		400																	
								Gas	530	79,080,900	642,369,813	5,447,286	647,817,109			400		400															
				Gas	721	108,017,009	718,803,348	83,043,390	856,947,345	(1,990,721)																							
				Gas	1,541	187,734,900	1,431,273,788	73,480,606	1,504,754,454	(1,990,721)																							
				Gas	566																												
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				Gas	390																												
				Gas	530																												
				Gas	721																												
				Gas	1,541																												
				Gas Total:				79,080,900	642,369,813	5,447,286	647,817,109			400		400																	
				4	GENCO-III	Gas	566	79,080,900	642,369,813	5,447,286	647,817,109			400		400																	
								Gas	530	79,080,900	642,369,813	5,447,286	647,817,109			400		400															
Gas	721	108,017,009	718,803,348					83,043,390	856,947,345	(1,990,721)																							
Gas	1,541	187,734,900	1,431,273,788					73,480,606	1,504,754,454	(1,990,721)																							
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Gas	1,541																																
Gas Total:								79,080,900	642,369,813	5,447,286	647,817,109			400		400																	



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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (FERP)
For the Month of February 2022

Sl. No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWH	Fuel Charges Rs.	VOEM Charges Rs.	EPF Billing Month (Rs.)	Prev. Adjustment In Fuel (Rs.)	Prev. Adjustment In VOEM (Rs.)	Prev. Adjustment In EPF Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOEM Rs.	Total Energy Cost (Rs.)
5	PK-Gar Power Limited	RFO	350	94,984,800	2,014,172,821	27,134,088	2,041,307,509	(1,561,224)	(1,561,224)	(1,561,224)	556,836,444	2,014,172,821	25,572,464	2,039,745,285
7	Subid Bin	Gas	129	1,828,089,242	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,561,224	1,073,453,513	1,561,224
8	Subid Kalyana	Gas	151	2,143,322,246	1,165,046,834	67,799,183	1,232,846,017	80,136,718	80,136,718	80,136,718	556,836,444	1,561,224	1,232,846,017	1,561,224
9	Subid Kalyana	Gas	151	2,143,322,246	1,165,046,834	67,799,183	1,232,846,017	80,136,718	80,136,718	80,136,718	556,836,444	1,561,224	1,232,846,017	1,561,224
10	Subid Power	RFO	326	26,308,492	545,635,918	7,718,938	553,354,856	(1,668,589)	(1,668,589)	(1,668,589)	556,836,444	545,635,918	7,518,099	553,005,229
12	Subid	RFO	549	345,893,000	3,131,530,994	152,921,674	3,284,452,668	(1,439,129)	(1,439,129)	(1,439,129)	556,836,444	3,131,530,994	152,472,384	3,275,510,229
13	Subid	Gas	272	1,993,385,000	242,990,499	274,179,232	242,990,499	49,495,354	49,495,354	49,495,354	556,836,444	242,990,499	274,179,232	242,990,499
14	Subid	Gas	272	1,993,385,000	242,990,499	274,179,232	242,990,499	49,495,354	49,495,354	49,495,354	556,836,444	242,990,499	274,179,232	242,990,499
16	Chandras Nuclear	Nucl.	312	188,514,000	218,932,246	214,932,246	214,932,246	244,485,390	244,485,390	244,485,390	556,836,444	214,932,246	244,485,390	214,932,246
17	Chandras Nuclear-II	Nucl.	312	188,514,000	218,932,246	214,932,246	214,932,246	244,485,390	244,485,390	244,485,390	556,836,444	214,932,246	244,485,390	214,932,246
18	Chandras Nuclear-III	Nucl.	340	205,584,000	247,925,520	247,925,520	247,925,520	198,096,938	198,096,938	198,096,938	556,836,444	247,925,520	247,925,520	247,925,520
19	Chandras Nuclear-IV	Nucl.	340	205,584,000	247,925,520	247,925,520	247,925,520	198,096,938	198,096,938	198,096,938	556,836,444	247,925,520	247,925,520	247,925,520
20	Karnapp - DCEC (K.A. Project)	Nucl.	1,140	1,140,000,000	1,140,000,000	1,140,000,000	1,140,000,000	1,140,000,000	1,140,000,000	1,140,000,000	556,836,444	1,140,000,000	1,140,000,000	1,140,000,000
21	Tamil Nadu	Nucl.	8	1,828,089,242	530,629,105	333,730,727	1,324,848,891	59,514,899	59,514,899	59,514,899	556,836,444	530,629,105	333,730,727	530,629,105
Sub-Total:			7,488	14,808,089,242	11,024,058,991	333,730,727	11,357,790,718	171,942,934	171,942,934	171,942,934	556,836,444	11,024,058,991	333,730,727	11,357,790,718
1	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
2	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
3	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
4	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
5	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
6	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
7	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
8	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
9	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
10	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
11	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
12	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
13	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
14	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
15	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
16	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
17	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
18	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
19	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
20	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
21	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
22	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
23	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
24	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
25	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
26	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
27	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
28	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
29	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
30	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
31	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
32	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
33	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
34	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
35	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
36	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
37	Andhra-Gens	RFO	158	32,181,624	1,021,058,991	52,394,522	1,073,453,513	233,896,265	233,896,265	233,896,265	556,836,444	1,021,058,991	52,394,522	1,073,453,513
38	Andhra-Gens	RFO	158</											

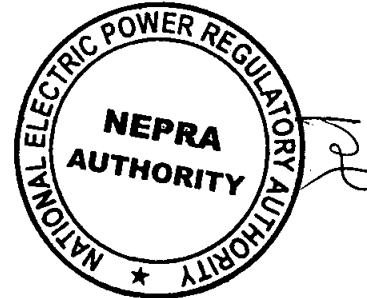
CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of February 2022

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	4,861,670	-	-	-	-	-	-	-	-	-	-	
32	Master Green Energy Limited	Wind	50	7,085,580	-	-	-	-	-	-	-	-	-	-	
33	Tricom Wind Power (Private) Limited	Wind	50	7,943,910	-	-	-	-	-	-	-	-	-	-	
34	ACT2 DM Wind (Pvt) Ltd.	Wind	50	5,496,890	-	-	-	-	-	-	-	-	-	-	
35	Artistic [2] Wind Power	Wind	50	4,354,900	-	-	-	-	-	-	-	-	-	-	
36	SPPs	Mixed	257	10,148,248	51,960,876	-	51,960,876	-	-	-	-	51,960,876	-	51,960,876	
G-Total:				2,143	233,343,260	51,960,876	51,960,876	(124,639,956)	211,235,697	86,595,741	556,836,468	72,701,102,782	2,794,182,071	75,495,284,853	
Summary															
1	Hydel			1,473,760,747	-	122,540,212	122,540,212	-	41,389,821	41,389,821	-	-	163,930,033	163,930,033	
2	Coal			2,563,872,700	33,572,486,556	1,081,537,137	34,654,023,693	635,726,574	(428,282)	635,298,292	-	34,208,213,130	1,081,108,855	35,289,321,985	
3	HSD			-	-	-	-	(428,530,766)	183,149,718	(245,381,049)	-	(428,530,766)	183,149,718	(245,381,049)	
4	F.O.			-	-	-	-	999,440,016	(7,368,850)	992,071,166	-	12,301,175,859	565,163,830	12,866,339,689	
5	Gas			526,728,497	11,301,735,843	572,532,880	11,874,268,523	(275,788,460)	(190,439)	(275,978,900)	556,836,452	7,795,934,604	419,148,912	8,215,083,515	
6	RLNG			918,395,803	7,514,884,612	419,339,351	7,934,223,963	(1,149,198,933)	19,227,962	(1,129,970,970)	-	16,410,736,467	327,339,580	16,738,076,048	
7	Nuclear			1,226,007,134	17,559,935,400	308,111,618	17,868,047,018	34,194,714	-	34,194,714	-	1,181,235,327	-	1,181,235,327	
8	Import from Iran			1,013,255,000	1,147,040,613	-	1,147,040,613	59,514,899	-	59,514,899	16	590,143,019	-	590,143,019	
9	Wind Power			165,070,662	-	-	-	-	-	-	-	-	-	-	
10	Solar			58,124,350	-	-	-	-	-	-	-	-	-	-	
11	Bagasse			98,665,084	590,234,266	78,865,376	669,119,642	1	(24,544,233)	(24,544,232)	-	590,234,267	54,341,143	644,575,410	
Totals For The month				8,087,851,025	72,268,906,270	2,582,946,374	74,851,852,644	(124,639,956)	211,235,697	86,595,741	556,836,468	72,701,102,782	2,794,182,071	75,495,284,853	
Prev. Adjustments :				(4,439,586)	432,196,504	211,235,897	643,432,201								
GRAND TOTALS :				8,083,411,439	72,701,102,774	2,794,182,071	75,495,284,845								

Energy Cost (Rs.)	72,701,102,774	2,794,182,071	75,495,284,845
Cost not chargeable to DISCOs (Rs.)	1,212,697,942	-	1,212,697,942
EPP (Chargeable) (Rs.)	71,488,404,832	2,794,182,071	74,282,586,903
Energy Sold (KWh)	7,774,132,411	7,774,132,411	7,774,132,411
Avg. Rate (Rs./KWh)	9.1957	0.3594	9.5551

Reference Rate (Rs./KWh)	4.2516
FCA Rate (Rs./KWh)	4.9441

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ADJUSTED				Annex-II
Source Wise Generation				
Sources	February 2022			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	2,257.72	32.24%	1,473.76	18.22%
Coal	2,087.44	29.81%	2,563.87	31.70%
HSD	-	0.00%	-	0.00%
RFO	78.27	1.12%	526.73	6.51%
Gas	919.13	13.13%	918.40	11.36%
RLNG	593.33	8.47%	1,226.01	15.16%
Nuclear	757.95	10.82%	1,013.26	12.53%
Import Iran	32.39	0.46%	33.82	0.42%
Mixed	10.33	0.15%	10.15	0.13%
Wind	105.03	1.50%	165.07	2.04%
Baggasse	99.62	1.42%	98.67	1.22%
Solar	60.64	0.87%	58.12	0.72%
Total	7,001.85	100.0%	8,087.85	100.0%
Sale to IPPs	(9.96)	-0.14%	(49.21)	-0.61%
Transmission Losses	(209.81)	-3.00%	(264.04)	-3.26%
Net Delivered	6,782.08	96.9%	7,774.60	96.13%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	February 2022			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	15,279.88	7.3199	33,572.49	13.0944
HSD	-	-	-	-
RFO	905.06	11.5637	11,301.74	21.4565
Gas	6,067.41	6.6013	7,514.88	8.1826
RLNG	4,951.89	8.3459	17,307.35	14.1168
Nuclear	774.84	1.0223	1,147.04	1.1320
Import Iran	374.83	11.5709	530.63	15.6885
Mixed	68.03	6.5872	51.96	5.1202
Wind	-	-	-	-
Baggasse	611.88	6.1423	590.23	5.9822
Solar	-	-	-	-
Total	29,033.81	4.1466	72,016.32	8.9043
Supplemental Charges	-	-	(18.91)	(0.0023)
Sale to IPPs	(199.14)	-	(1,212.70)	(24.6447)
Grand Total	28,834.67	4.1182	70,784.71	8.7520
Transmission Losses	-	0.1334	-	0.3526
Net Total	28,834.67	4.2516	70,784.71	9.1046

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the April 14, 2022


S.R.O. 513 (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 February 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	February 2022
Actual Fuel Charge Component for February 2022	Rs.9.1046/kWh
Corresponding Reference Fuel Charge Component	Rs.4.2516/kWh
Fuel Price Variation for the month of February 2022 - Increase	Rs.4.8530/kWh

Note: The Authority has reviewed and assessed an increase of Rs.4.8530/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of February 2022 as per the above details.

2. The above adjustment an increase of Rs.4.8530/kWh shall be applicable to all the consumer categories except lifeline consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of February 2022 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of February 2022 in the billing month of April 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.


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(Syed Safer Hussain)
Registrar



