

National Electric Power Regulatory Authority Islamic Republic of Pakistan

Registrar

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No. NEPRA/R/TRF-100/MFPA/22/2-2

February 11, 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

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Subject: Decision of the Authority in the matter of Fuel Charges Adjustment for the month of December 2021 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the Decision of the Authority (11 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of December 2021 and its Notification i.e. S.R.O. 216(I)/2022 dated 11.02.2022.

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: <u>As above</u> (Decision alongwith Notification is also available on NEPRA's website)

(Iftikhar Ali Khan)

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 DECEMBER 2021 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 December 2021, 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 December 2021 is Rs.8.6573/kWh, against the reference fuel cost component of Rs.5.5347/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 December 2021 increased by Rs.3.1226/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 January 21, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
- 5. The Authority conducted the hearing in the matter on February 01, 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. Gujranwala Chamber of Commerce & Industry (GCCI) submitted their written comments regarding higher monthly FCAs and termed the same as unreasonable and un-justified. GCCI accordingly requested to review these high FCAs. GCCI also questioned subsidies and increase in taxes.



- 8. The Authority observed that major portion of generation basket is based on imported fuel, which in turn is dependent on fuel prices in the international market and exchange rate parity. The primary reason for recent higher monthly FCAs is due to increase in prices of different fuel in the International Market and devaluation of Pak rupee. Regarding concerns raised by GCCI on subsidies and taxes, the Authority noted that the same does not fall under the purview of NPERA.
- 9. 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
 - 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

 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 December 2021.



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.

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- 10. 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.
- 11. The Authority observed that CPPA-G has purchased energy of 36.4712 GWh from Tavanir Iran in December 2021 at a cost of Rs.483.9 million. The Authority also observed that CPPA-G has filed its request with the Authority for approval of extension of contract between CPPA-G and Tavanir Iran for import of Power up-to 104 MW for the period from 01.01.2020 to 31.12.2021, which is under consideration of the Authority. 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. The cost being allowed on provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.
- 12. 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 December 2021, as detailed below;

Plants	Energy (kWh)	hv CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Orient	41,296,668	904,092,552	731,781,502	(172,311,050)
Engro Power	90,903,836	789,981,110	754,393,547	(35,587,563)

Total

(207,898,613)

- 13. Further, during scrutiny of data submitted by CPPA-G, it was noted that energy reported by CPPA-G from RYK Bagasse based Power Plant was not as per the joint meter reading report. The same has been adjusted as 11,719,200 kWh instead of 7,971,900 kWh reported by CPPA-G, along-with its financial impact. This has resulted in increase in fuel cost for the month of December by around Rs.22 million.
- 14. CPPA-G also claimed an amount of Rs.2,052 million on account of previous adjustments in the FCA of December 2021. The same has been verified and accordingly has been included in the monthly FCAs of December 2021. A summary of the amounts claimed by CPPA-G and allowed by the Authority is as under;



Power Producer	Prev. Adj. Claimed	Prev. Adj.
	by CPPA-G Rs.	Proposed Rs.
		·
Baloki	1,270,370,164	1,270,370,164
Halmore	64,127,762	64,127,762
	(1,567,907)	
Haveli Bahadur Shah	276,561,939	276,561,939
Huaneng Shandong Ruyi Energy (Pvt) Ltd	(3,511,474)	(3,511,474)
Orient	63,630,589	63,630,589
Orient	(4,925,392)	(4,925,392)
Liberty Power	12,546,199	12,546,199
	43,550,335	43,550,335
Saif Power	(9,996,023)	(9,996,023)
	120,194,123	120,194,123
Saphire Power	(4,625,931)	(4,625,931)
Port Qasim	(3,103,450)	(3,103,450)
QATPL	(189,674,559)	(189,674,559)
Engro PowerGen Thar TPS	(9,161,784)	(9,161,784)
China Hub Power (Pvt.) Ltd	(27,928,646)	(27,928,646)
Engro Energy	(4,884,413)	(4,884,413)
Foundation Power	(1,233,155)	(1,233,155)
Nishat Power	(113)	(113)
Tavanir Iran	(3,806,087)	(3,806,087)
Liberty	(3,834,836)	(3,834,836)
Uch	(5,072,373)	(5,072,373)
Saba Power	(10,293,711)	(10,293,711)
КАРСО	172,566,433	172,566,433
Uch II	(84,073)	(84,073)
Lalpir	(26)	(26)
Pak Gen Power Limited	(57)	(57)
Chashma Nuclear Cl	312,274,177	312,274,177
Total	2,052,117,711	2,052,117,711

- 15. As per the data submitted by CPPA-G, XWDISCOs purchased 7.87 GWh from Captive Power Plants (CPPs) during December 2021, 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.35.355 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of December 2021.
- 16. During the hearing, the Authority also observed that, prima facie, certain efficient power plants were not fully utilized and instead energy from costlier RFO/HSD based power plants was generated to the tune of over Rs.11,388 million during the month of December 2021. 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;
 - the plants available but not dispatched ; and

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- 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.
- 17. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of December 2021, however, the same was not as per the requirements of the Authority. Accordingly, CPPA-G was directed to submit that the report as per the desired format for consideration of the Authority.
- 18. The Authority also 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, it has been noted that around 353.26 GWh were generated from RFO and 250.56 GWh were generated using HSD during the month of December 2021, whereas the capacities of RLNG, Coal and Gas based efficient power plants were underutilized. The net amount deductible, on provisional basis, from the poverall claim due to deviation from EMO due to underutilization of efficient power plants works out as around Rs.4.81 million. The Authority has decided to deduct this amount 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.
 - In view of the above discussion, the Authority has calculated the fuel cost for the month of December 2021, 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.
- 20. NTDCL, reported provisional T&T losses of 245.44 GWh based on energy delivered on NTDCL system during December 2021. NTDC in addition also reported T&T losses of 23.215 GWh for PMLTC (HVDC) line.
- 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%.
- 22. Accordingly, for the month of December 2021, T&T losses of 243.57 GWh have been verified for NTDCL system based on unites delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 23.215 GWh i.e. 2.65%, being within the Authority's allowed limit have also considered while working out the FCA of December 2021.
- 23. 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.
- 24. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.3.0968/kWh (Annex-II) in the applicable tariff for XWDISCOs

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on account of variations in the fuel charges for the month of December 2021 as per the following details:

Actual Fuel Charge Component for December 2021	Rs.8.6315/kWh
Corresponding Reference Fuel Charge Component	Rs.5.5347/kWh
Fuel Price Variation for the month of December 2021-Increase	Rs.3.0968/kWh

- 25. In view of the aforementioned, the Authority has decided that adjustment as referred in Para 24 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 December 2021.
 - c. XWDISCOs shall reflect the fuel charges adjustment in respect of December 2021 in the billing month of February 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.

11/21 AUTHORITY WER A Rafique Ahmed Shaikh Rehmatullah Baloch Member Member fissont Engr. Magsood Anwar Khan Tauscef H. Faroohi (Richobaironan) Member Chairman 2. As per the data submitted by NPCC, the average RLNG alfocated to the power sector was 287 MMCFD against the total ferrand of 472 MMCFD that resulted in financial impact of R\$ 2.069 br during the month of December, 2021. As RLNG is imported its avouilability can be ensured Through better and ·pply chain management, accordingly, such mismanagem-RLNIG can't be passed veguired into the availabili to confumers I generation on Coal remained 5% less -Them-The generation during the month of December, 2021. éférence expensive RAO/HSD plants were dispatched system Lemand. meet the CAS 6

3. I have also reservations on the purchase of electricity from all those IPPs, whose PPAs were amended/extended (including but not limited to KAP(O, AES & LALPIRek). were not amended/extended without approval of the Arthority Rof 1/2/22 NEPRA AUTHORITY •

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CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of December 2021

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	Total Energy Cost (Rs.)	1,224,091,492	(4,138)	199,917,611	5RC'/OC'8/6'7	913,350,265 562,406,258	253,296,795	211,734,337	708,725,645	11,200,071,787	2305,371	758,218,099	836,831,297 984,177,394	(4,925,392)	501,989,697	(9,996,023)	837,358,963	739,728,354	758,296,968	427,712,943	64.127.762 [1,567,907]	1,995,175,766	103,319,430	54,259,143	189,220,668	21,547,145	5,013,209,870	4,166,589,399 54,259,143	624,254,795	13,893,660,134	8.852.761 147	6,820,760,121	10,121,321,288	728,977,117 63,503,995,541	74,704,067,327				•									· · · · · · · · · · · · · · · · · · ·	•		•	• •					
	Total VO&M Rs.	14,140,958	(4,138)	2,159,583		40,546,406		•	-				70,503,060		33,711,287			18,464,438	49,581,335	32,093,364	•	97,309,645	12,509,813				206,006,511	409,342,416 6.569,643						70,234,116				•							• •				•		1	, ,		•••			
	Total Fuel Cost Rs.	1,209,950,536		197,758,028	2,842,317,627	872,803,859 562,406,256	253,296,705	TUE, MET, 112	708,725,845 480,108,314	10,900,413,295	552,555,710 670 028 004	708,927,011	766,328,237 967.723.141	(4,925,392)	458,278,410 43,550,335	(9,996,023)	785,096,697	721,263,916	708,715,833	395,619,579	(1.567,907)	1,897,866,121	82,124,538 90,809,617	47,689,500	164,911,547	20,155,007	4,607,203,359	3,757,246,983	597,622,915	13,741,997,438	e.737.633.179	6,734,255,847	1100'11'000'1	61,636,958,468	72,537,371,763					· · ·	•		•		•				· · · · · · · · · · · · · · · · · · ·		•	• •					
	Supp. Charges			• •		•	•	• •		-			•														•			-						_; _		•]•										•	•	•	•	• •				ا ر آ. 	5
	Prev. Adjustment in EPP Total Rs.	(3.622)	(4,138)	(10,297,982)	(5,119,163)	(3,868,915) 312,274,177		•	(3.806.087)	459,993,012		(611)	(1,233,155) 63,629,739	(4,925,392)	43.550.335	(9,996,023)	(4,884,413)	120,194,123	(4,625,931)	12,546,200	64,127,762	(84,073)	(68)		1,591,208		(27,928,646)	(9,165,862)	(189,674,559)	1,331,695,310	(3.520.085)	215,238,793	(3,103,451)	1,591,861,776	2,051,854,789			•			• •		•			•			•		•	•••••	•		· · · · · · · · · · · · · · · · · · ·		
		(3,565)	(4.138)	(1,240) (1,271)		(34,079)		• •		(1,840,507)						•	•		•	0			(83)		1,591,208			(4,079)		•		(1)	6		(262,923)				•								-		•	•	•	•		•		-	
CY (CPPA) Asional) 2021	Prev. Adjustment in Fuel Cost (Rs.)	(ئ)		(117,293,711)	[5,072,373)	(3,834,836) 312,274,177		•	(3.806.087)	461,833,519		(611)	(1,233,155) 63,630,589	(4,925,392)	43.550.335	(9,996,023)	(4,884,413)	120,194,123	(4,625,931)	12,548,199	64,127,762 (1,567,907)	(84,073)	•		•		(27,928,646)	(9,161,784)	(189,674,559)	1,331,695,310	13 511 474)	215,236,794	(3,103,450)	1,590,284,193	2,052,117,712						•			•	•••••		•••					•••		••		ſ	2-
CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of December 2021		1.224,095,114		210,215,593	2,984,680,562	917,219,180 - 250,132,081	253,296,795	211,734,337	708,725,645	10,740,078,774	597,395,371	758,218,212	838,064,452		501,989,697		842,243,376 -	619.534,230	758.296.968	415,166,743	• • •	1,995,259,839	93,438,248 103.319,430	54,259,143	187,629,460 81,668 785	21,547,145	61,285,980 5,041,138,516	4,175,755,261	813,929,354	1,771,979,588 12,561,964,824	8 856 281 232	6,605,523,328	10,124,424,739	728,977,117 61,912,133,764	72,652,212,539						R Re	6) {/				IY S		10	24	Nov	() ()					•	
CENTRAL Energi For	VOAM Charges Rs.	14,144,521		2,163,854	137,296,562	40,580,485		•		301,498,999	44,839,861	49,291,088	70,503,080		782'111'00		52,262,266	18,464,438	49.581.335	32,093,363	• •	97,309,645	11,313,410	6,569,643	22,717,913	1,382,138	3,959,622 206,006,511	409,346,495	26,631,860	151,662,696	115 136 579	86,504,275	21,124,901	70,234,116 1,865,459,489	2,166,958,488								+	$n / \lambda $	NE				N N		レシン	/	·	•••			
	Fuel Charges Rs.	1,209,950,593		208,051,739	2,847,390,000	876,638,695 250.132,081	253,296,795	211,752,344 211,734,337	708,725,645	10,438,579,775	552,555,710	708,927,124	767,561,392		468,278,410		769,981,110	601,069,792	÷	383,073,380	•	1,897,950,194	82,124,838 90.809.817	47,689,500	164,911,547	20,155,007	57,326,358 4,835,132,005	3,766,408,767	787,297,474	12,410,302,128	R 741 144 653	6,519,019,053	100.11.002.183.227	658,743,001 60,046,674,275	70,485,254,051						$\left \right\rangle$								•	• •							
	Energy KWh	50,189,200		8,624,371	349,533,000	74,454,300 205,245,000	224,355,000	177,555,000	765,032,000	2,196,086,570	27,916,965	31,098,478	108,725,630		21,318,717		78,555,113	27,542,420	35.244.054	-	••••	256,470,024	13,728,200	7,971,900	27,567,040	3,369,163	9,562,622 394,572,900	375,581,700	44,736,906	713,371,100	672 368 750	364,843,500	595,578,200	185,648,500 4,239,173,613	6,435,260,183		5,209,610	5,819,900	5,061,040 8,044 B11	8,106,710	10,067,080	7,678,247	6,166,640 3,959,670	5,676,660	11,120,653	10,204,970	10,624,150	10,849,180	1,537,630	11,460,510	9,658,640	8,286,000	7,705,812	7,818,291	9,626,569	10,123,061 1	
	Dep. Capacity (MW)	350	151	126	249	212 300	315	340	1,140 06	7,488	156	195	171	213	196	204	213	203	214	8	199	381	8.8	য়	6	36	1,220	680	180	1,230	0001	320	1,320	660 12.037	19,525	36.	8	2 2	99	3 5	88	88	2	8	88	12	85	88	<u>60</u> (205	20	0 <u>,</u> 0 <u>,</u>	3.3	20	3	las	
-	_,	RFO	5 5	REO	33	as h	N uch	Nuci.	Hurch .		RFO	RFO	Gas RI NG	HSD 1	RFO DI NIC	DSH DSH	Gas LSI	RLNG	FO.	RFO	RLNG	Gas	Bagasse Banasse	agasse	Bagasse	Bagasse	Bagasse Coal	Coal	RLNG	RLNG	OSH ISO	RLNG	Coal	Coal Sub-Total:		į	PHM	Wind	puja	PUM	Mind	PUM	Wind	Puy	Puw	Solar	Solar	Solar	Sotar	Wind	Mind	Puin	Pijy	24	Nind	Mind	
	Power Producers	5 Park Gen Power Limited	8 Fauji Kabiwala	9 Rousch 10 Saba Power	12 Uch 13 Attern	Chastima Nuclear	Chashima Nuclear-B	Chashma Nuclear-III Chashma Nuclear-IV	Kanupp - PAEC (K.2/ K.3 Project)			2 Attas Power 3 Nishat Power	Foundation Power	Orient	nein	7 Sair Power	8 Engro Energy	9 Subhre Power	Hittor Narman			(3 Veh-I	IF-MQC		Chinlet Power	Almoiz industries Limited	Chanaar Energy Limited China Hub Power (Pvt.) Ltd	Engro PowerGen Thar FPS	OATPI		Hittoria Shadaur Shan		28A 30 Port Castim	Lucky Electric	(PP,s Totat:-	Others	2 Zortu	3 FFCEL 4 TTGF	6 Foundation	7 Younus Energy Ltd.	8 Metro Wind Power	10 Master Wind Power	11 Tenaga Ganerasi 12 Tansi Wind		14 SEDL Wind	5 6	< 1	18 Crest Energy	<u> </u>		23 Jhampir Wind	1	11	27 Theon Boston A 28 Theon Boston A			
-	S.No.		- 1				::			Sub-Total:		1	Ē									<u> </u>				() _!		<u></u>			. !				1	ਰ •		1				! ;		<u> </u>		1					<u></u>				<u> </u>	_	

CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of December 2021

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Ş.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	8,005,360		-	-	-		•			1	-
	31	Master Green	Wind	50	9,381,800			-	-	-	-		-	-	-
Ĩ	31	TRICOM	Wind	50	10,145,740	-	-			-	-	-	-		.
	32	SPPs	Mixed	257	7,877,793	35,355,986		35,355,986	-	-		-	35,355,986	-	35,355.986
		Sub-Total		2,043	263,135,970	35,355,986	-	35,355,986	-	•		-	35,355,986	-	35,355,986
		G-Total:		35,642	8,815,063,747	72,761,355,416	2,467,652,603	75,229,008,019	2,052,117,712	(1,270,691)	2,050,847,021	-	74,813,473,128	2,466,381,912	77,279,855,040
Summary															
1		Hydel			1,768,836,194		135,236,950	135,236,950	-	-	-	-		135,236,950	135,236,950
2		Coal		13.31	2,103,648,050	28,004,211,653	922,365,213	28,926,576,866	(43,705,354)	(12,691)	(43,718,044)	-	27,950,506,299	922,352,522	28,882,858,821
3		HSD		14.79	238,570,417	3,529,379,136	94,041,181	3,623,420,317	(21,115,253)	-	(21,115,253)	•	3,508,263,883	94,041,181	3,602,305,064
4		F.O.		22.24	353,259,470	7,858,131,070	380,140,550	8,238,271,619	174,818,922	(51,491)	174,767,431	-	8,032,949,991	380,089,059	8,413,039,051
5		Gas		7.75	1,215,569,467	9,420,266,770	563,409,183	9,983,675,953	(15,108,850)	(1,092,775)	(16,201,625)	-	9,405,157,920	562,316,408	9,967,474,328
6		RLNG		17.81	1,191,790,594	21,221,780,999	299,718,392	21,521,499,391	1,648,760,157	(1,704,860)	1,647,055,297	-	22,870,541,156	298,013,532	23,168,554,688
6		Nuclear		1.06	1,549,057,000	1,641,651,202	-	1,641,651,202	312,274,177	•	312,274,177	-	1,953,925,379		1,953,925,379
7		Import from Iran		13.27	36,471,200	483,912,401	-	483,912,401	(3,806,087)	•	(3,806,087)	-	480,106,314	•	480,106,314
8		Wind Power		-	210,078,407	-		· ·	-	-	-	-	- 1	•	•
9		Solar		-	45,179,770	-	-	-	-	-	-	-	-		•
10		Bagasse		5.98	94,725,385	566,666,199	72,741,134	639,407,333	0	1,591,125	1,591,125	-	566,666,199	74,332,259	640,998,458
11		Mixed		4.49	7,877,793	35,355,986	-	35,355,986	-	-	-	• • • • •	35,355,986	-	35,355,986
				For The month	8,815,063,747	72,761,355,416	2,467,652,603	75,229,008,019	2,052,117,712	(1,270,691)	2,050,847,021		74,813,473,128	2,466,381,912	77,279,855,040
				. Adjustments :	(41,147)	2,052,117,712	(1,270,691)	2,050,847,021							
			GR/	AND TOTALS :	8,815,022,600	74,813,473,128	2,466,381,912	77,279,855,040							

Energy Cost (Rs.)	74,813,473,128	2,466,381,912	77,279,855,040
Cost not chargeable to DISCOs (Rs.)	967,202,173	-	967,202,173
EPP (Chargeable) (Rs.)	73,846,270,955	2,466,381,912	76,312,652,867
Energy Sold (KWh)	8,529,905,460	8,529,905,460	8,529,905,460
Avg. Rate (Rs./KWh)	8.6573	0.2891	8.9465

Reference. Rate (Rs./KWh) 5.5347 FCA. Rate (Rs./KWh) 3.1226

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	ADJUSTED			Annex-II
	Source Wis	e Generation		
		December	2021	
Sources	Refere	nce	Actual	
	GWh	%	GWh	%
Hydel	1,723.29	22.80%	1,768.84	20.03%
Coal	2,171.05	28.72%	2,103.65	23.82%
HSD		0.00%	250.56	2.84%
RFO	368.28	4.87%	353.26	4.00%
Gas	730.66	9.67%	1,215.57	13.77%
RLNG	1,550.37	20.51%	1,191.79	13.50%
Nuclear	699.72	9.26%	1,549.06	17.54%
Import Iran	32.55	0.43%	36.47	0.41%
Mixed	2.81	0.04%	7.88	0.09%
Wind	145.60	1.93%	210.08	2.38%
Baggasse	90.91	1.20%	98.47	1.12%
Solar	43.36	0.57%	45.18	0.51%
Total	7,558.60	100.0%	8,830.80	100.0%
Sale to IPPs	(10.75)	-0.14%	(30.58)	-0.35%
Transmission Losses	(229.50)	-3.04%	(266.78)	-3.02%
Net Delivered	7,318.34	96.8%	8,533.43	96.63%

Sc	ource Wise Fuel Co	ost/Energy Purchase	Price	
		Decembe	er 2021	
Sources	Refe	rence	Actua	1
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel		_		-
Coal $\langle V - V \rangle$	16,259.11	7.4890	28,004.21	13.3122
HSD NEPRA	- Ya		3,529.38	14.0862
RFO AUTHORITY	4,195.47	11.3921	7,853.32	22.2310
Gas Jo	5,243.89	7.1770	9,384.68	7.7204
RLNG *	13,346.55	8.6086	21,049.47	17.6621
Nuclear	718.50	1.0268	1,641.65	1.0598
Import Iran	376.66	11.5709	483.91	13.2683
Mixed	18.48	6.5872	35.36	4.4881
Wind	-		-	-
Baggasse	561.17	6.1727	589.08	5.9822
Solar	-	-		
Total	40,719.82	5.3872	72,571.06	8.2180
Supplemental Charges	-	-	2,052.12	0.2324
Sale to IPPs	(214.98)	-	(967.20)	(31.6258)
Grand Total	40,504.84	5.3588	73,655.98	8.3408
Transmission Losses	-	0.1759	-	0.2907
Net Total	40,504.84	5.5347	73,655.98	8.6315
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National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the February 11, 2022

S.R.O. 2/6(1)/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 December 2021 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	December 2021
Actual Fuel Charge Component for December 2021	Rs.8.6315/kWh
Corresponding Reference Fuel Charge Component	Rs.5.5347/kWh
Fuel Price Variation for the month of December 2021 - Increase	Rs.3.0968/kWh

Note: The Authority has reviewed and assessed an increase of Rs.3.0968/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of December 2021 as per the above details.

2. The above adjustment an increase of Rs.3.0968/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 December 2021 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of December 2021 in the billing month of February 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.

(Iftikhar Ali Khan) Registrar

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