



National Electric Power Regulatory Authority Islamic Republic of Pakistan

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Registrar

No. NEPRA/R/TRF-100/MFPA/4991-5006

March 10, 2023

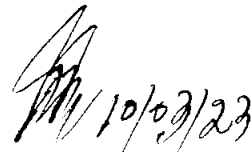
1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, 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 January 2023 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the Decision of the Authority regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of January 2023 and its Notification i.e. S.R.O. 327(I)/2023 dated March 10, 2023 (total 11 Pages).

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)


(Engr. Mazhar Iqbal Ranjha)

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 JANUARY 2023 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 January 2023, 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 January 2023 is Rs.11.7269/kWh, against the reference fuel cost component of Rs.10.5541/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 January 2023 increased by Rs.1.1728/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 February 19, 2023 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on February 28, 2023 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**

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 (HUBCO Inclusive)**
 - i. All purchases have been made from IPPs under 1994 Policy, including HUBCO & 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.



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 January 2023.
 - ii. Partial Loading of power plants strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load as per system load demand variations and for fuel conversation where needed.
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 37.13 GWh from Tavanir Iran in January 2023 at a cost of Rs.952.7 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.
 10. While going through the FCA data of January 2023, it was noted that energy and fuel cost of KAPCO was claimed in the FCA. In this regard it is important to highlight that the terms of PPA of KAPCO expired on October 24, 2022 and no further PPA was signed. Upon inquiry during hearing regarding procurement from KAPCO without any PPA, NPCC informed that KAPCO was operated by System Operator to restore country wide blackout

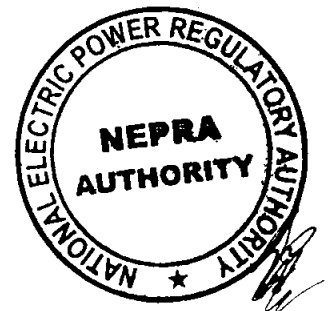
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occurred in January 2023, based on the directions of the Minister for Power. The Authority also inquired basis for claiming the energy cost considering the fact that no PPA existed between the parties. Representative of CPPA-G informed that Energy cost (Fuel & Variable O&M) has been claimed based on open cycle operations of the plant as per the mechanism provided in previous PPA of KAPCO.

11. The Authority directed NPPCC/CPPA-G to provide complete detail for operation of KAPCO power plant along-with relevant approvals for consideration of the Authority. However, no such details/approvals have been provided by NPCC/CPPA-G to NEPRA.
12. Considering the fact that no fuel cost component for KAPCO is approved by the Authority, and terms of PPA have also expired, therefore, for working out instant monthly FCA, the cost of KAPCO has been provisionally withheld, till the time NPPCC/CPPA-G provides complete detail for operation of KAPCO power plant along-with relevant approvals for consideration/approval of the Authority.
13. CPPA-G also claimed net positive amount of Rs.1,668 million as previous adjustment. Regarding net positive adjustment of Rs.899 million for Baloki (positive adjustment of Rs. 982 million for September 2022 and negative adjustment of Rs.83 million for the month of November 2022), due to revision in Fuel cost component and verification of factors, it was noted that based on verified invoices the negative adjustment for November 2022, works out as Rs. 150 million instead of claimed amount of Rs.83 million. Accordingly, the net adjustment for Balloki power plant works out as positive Rs. 832 million.
14. For the remaining previous adjustments claims the same have been verified and accordingly considered while working out the instant Monthly Fuel Charges adjustment. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

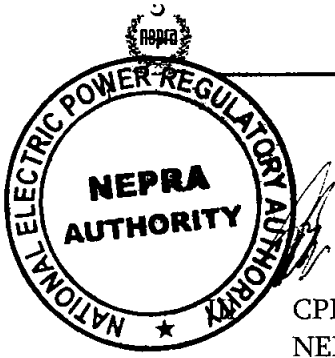
Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Allowed Rs.	Deduction	Month it Pertains
Attock-Gen	5,973,817	5,973,817	-	Nov-22
Foundation Power	(622,539)	(622,539)	-	Nov-22
Orient	3,577,132	3,577,132	-	Nov-22
Saif Power	(78,624)	(78,624)	-	Nov-22
Engro Energy	(4,369,510)	(4,369,510)	-	Nov-22
Halmore (HSD)	271,742,323	271,742,323	-	May-22
Uch-II	(424,140)	(424,140)	-	Nov-22
Chanaar Energy Limited	(113,841)	(113,841)	-	Nov-22
Engro PowerGen Thar TPS	(15,116,475)	(15,116,475)	-	Nov-22
Haveli Bahadur Shah	345,945,562	345,945,561	-	Sep-22 & Nov-22
Baloki	899,024,160	831,919,446	(67,104,714)	Sep-22 & Nov-22
Port Qasim	168,366,745	168,366,745	-	Nov-22
Lucky Electric Power Company Limited	(2,400,502)	(2,400,502)	-	Nov-22
Uch	(140,960)	(140,960)	-	Nov-22
Altern	-	-	-	Nov-22
Liberty	(122,949)	(122,949)	-	Nov-22
Tavanir Iran	(2,938,403)	(2,938,403)	-	Nov-22
GENCO-III ***	(700)	(700)	-	-
Total	1,668,301,096	1,601,196,382	(67,104,714)	-



15. During the hearing, the Authority also observed that energy from expensive power plants was generated, during the month of January 2023. 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;

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- 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.

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.

16. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of January 2023, 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.
17. It was observed that during January 2023, the System Operator had curtailed the drawl of energy from Thar Energy Projects i.e. Thar Energy Limited and Engro Power Thar Limited due to in-sufficient evacuation capacity on Thar-Matiari cckt, curtailment of generation in south due to HVDC winter schedule and outage of Dadu-Jamshoro/Jamshoro-Matiari cckt outage since December 29, 2022. The said curtailments resulted in out of merit generation from expensive/inefficient power plants.
18. The above mentioned curtailment led to a financial impact of Rs.5,465 million. The Authority, during the hearing, directed NTDC to make a detailed presentation before the Authority on removal of system constraints in general and Thar coal projects in particular which are causing curtailment of already operational coal plants and has a considerable financial implications. In this regard, a meeting with all the relevant stakeholders was held and NTDC informed that the said line will be completed by April 30, 2023. However, for the month of January 2023, the curtailment was carried out for economical power due to issues as explained above.
19. In view of the above, the financial impact on account of system constraints, amounting to Rs. 5,465 million, is provisionally withheld from CPPA-G's claim for the month of January 2023, till the time NTDC provides complete justification to the satisfaction of the Authority.
20. As per the data of FCA for January 2023, submitted by CPPA-G, AL-Noor Sugar Mills Limited (ANSML) supplied 2.15 GWh to SEPCO at a cost of Rs. 12.998 million based on the Authority's approved rate of Rs.6.04/kWh. CPPA-G included the energy & cost of electricity supplied by ANSM as part of overall pool cost. The Authority, however, while approving the Power Acquisition Contract (PAC) filed by Sukkur Electric Power Company Ltd. (SEPCO) for Purchase of 8 MW from ANSML under NEPRA Interim Power Procurement (Procedures and Standards) Regulations 2005, decided that since the power acquisition contract is signed between ANSML and SEPCO, therefore, the costs must be accounted for in the basket of SEPCO instead of CPPA-G.
21. The Authority understands that by accounting for the energy and cost of electricity supplied by ANSML in SEPCO basket only would result in different FCAs for SEPCO and the rest of XWDISCOs. Considering the fact that monthly FCA is being made under a Uniform Tariff regime, and a uniform tariff for all XWDISCOs was notified by the Federal Government vide SRO dated 25.07.2022, the Authority has decided to deliberate this issue in detail with the stakeholders. Accordingly a discussion meeting was held on 09.02.2023, to discuss the modalities for treatment of cost & energy of ANSML and for any such future bilateral

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- contracts by DISCOs, which was attended by Ministry of Energy and CPPA-G representatives. The Authority directed MOE and CPPA-G to provide their written comments regarding modalities for treatment of cost & energy of ANSML and for any such future bilateral contracts by DISCOs. Considering the delay in filing of written comments, emails dated 17.02.2023 and 03.03.2023 were sent to CPPA-G and MOE, for submission of their comments. However till date no such comments have been received from CPPA-G and MOE.
22. Meanwhile, in order to ensure the timely recovery of the positive FCA, the Authority has decided to provisionally account for the energy and cost of Al-Noor Sugar Mills as part of CPPA-G basket for the month of January 2023, as per the request of CPPA-G. A final decision in the matter would be taken considering the comments of MOE and CPPA-G, and any adjustment if required will be made in the subsequent monthly FCAs of XWDISCOs.
 23. In view of the above discussion, the Authority has calculated the fuel cost for the month of January 2023, after accounting for the aforementioned adjustments, and including costs arising out due to application of various factors, as provided in the respective PPAs of the Power Producers and claimed by CPPA-G in its FCA request. Here it is pertinent to mention that the amount arising out due to application of PPA factors, for the six RFO based IPPs, incorporated under 2002 Power Policy, is being allowed on provisional basis and shall be subject to adjustment, based on the final outcome of the ongoing *suo moto* proceedings against RFO based IPPs.
 24. NTDCL, reported provisional T&T losses of 259.023 GWh i.e. 2.824%, based on energy delivered on NTDCL system during January 2023. NTDC in addition also reported T&T losses of 37.041 GWh i.e. 2.561%, for PMLTC (HVDC) line.
 25. NTDCL is allowed T&T losses of 2.639% only at 500KV and 220 KV network, while PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
 26. Accordingly, for the month of January 2023, T&T losses of 259.023 GWh being within in the allowed limit on accumulative basis have been verified for NTDCL system only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 37.041 GWh, being within the Authority's allowed limit have also considered while working out the FCA of January 2023.
 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 Petitioner in its request has also included 9.9 GWh for the Net Metering units procured during January 2023. The Authority has considered this energy as part of the FCA for the month of January 2023.
 29. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.0.4779/kWh (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of January 2023 as per the following details:



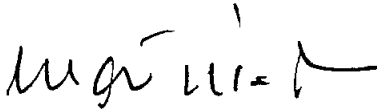
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Actual Fuel Charge Component for January 2023	Rs.11.0320/kWh
Corresponding Reference Fuel Charge Component	Rs.10.5541/kWh
Fuel Price Variation for the month of January 2023-Increase	Rs.0.4779/kWh

30. In view of the aforementioned, the Authority has decided that adjustment as referred above;
- Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.
 - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of January 2023.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of January 2023 in the billing month of March 2023;
 - 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.

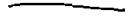
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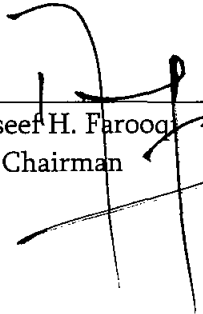


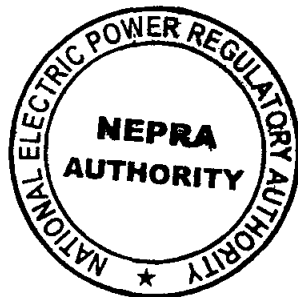
Mathar Niaz Rana (nsc)
Member



Rafique Ahmed Shaikh
Member


Engr. Maqsood Anwar Khan
Member


Ms. Amina Ahmed
Member

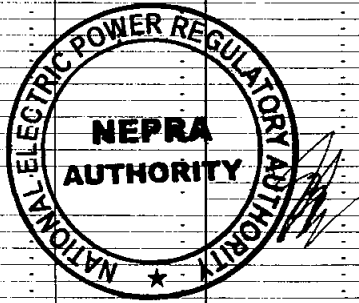

Tauseef H. Farooq
Chairman




10/03/23

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2023

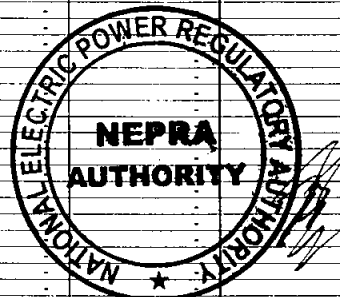
S.No.	Power Producers	Fuel	Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)	
			A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+I	K=J		
1	<i>Hydel</i>														
	i	WAPDA	Hydel	6,902	680,847,792		61,858,264	61,858,264		(10,434)	(10,434)		61,847,830	61,847,830	
	ii	Jagran	Hydel	30	1,508,347					47,099,627	47,099,627		47,099,627	47,099,627	
	iii	Pehure	Hydel	18											
	iv	Malakand-II SHYDO	Hydel	81	13,102,780		4,149,650	4,149,650					4,149,650	4,149,650	
	v	Laralb	Hydel	84	1,057,190		327,517	327,517					327,517	327,517	
	vi	Star Hydro	Hydel	147	15,308,700		2,822,924	2,822,924					2,822,924	2,822,924	
	vii	Head Maralla	Hydel	8											
	viii	Neelum Jhelum	Hydel	969											
	ix	Tarbela Ext. 4	Hydel	1,478											
	x	Mira Power Limited	Hydel	101	2,464,130										
	xi	Daraf Khwar	Hydel	37	2,571,120					50,157,988	50,157,988		50,157,988	50,157,988	
	xii	Karot Power Company (Pvt) Limited	Hydel	720	83,471,900		26,360,426	26,360,426					26,360,426	26,360,426	
	xiii	Ranolla Hydro Power Complex	Hydel	17											
	Hydel Total:		10,592	800,331,969		95,518,781	95,518,781		97,247,181	97,247,181		192,765,962	192,765,962		
2	<i>Ex-WAPDA</i>														
	GENCO-I ***														
	Jamshoro Block 1	RFO	182												
	Unit 1	Gas													
	Jamshoro Block 2	RFO	467												
	Unit-2	Gas													
		RLNG													
	Unit-3	RFO													
		Gas													
		RLNG													
	Unit-4	Gas													
		RLNG													
	Unit-4	RFO	0												
		Gas													
	Kotri 3-7	Gas													
	Jamshoro Block 4	Gas													
		Jamshoro Total:		649											
		GENCO-II ***													
	Guddu CC Block 1 (OC)	Gas	390		219,869,168	1,786,436,990	15,148,986	1,801,585,976					1,786,436,990	15,148,986	1,801,585,976
	Central Block 2 (CC)	Gas			149,399,107	1,213,867,744	10,293,598	1,224,161,343					1,213,867,744	10,293,598	1,224,161,343
	Guddu (OC) Block-2	Gas	530		70,470,061	572,569,246	4,855,387	577,424,633					572,569,246	4,855,387	577,424,633
	Block 3 (unit 3&4)	Gas													
	Guddu 747 (CC)	Gas	721		88,316,000	888,388,489	57,488,474	645,874,943					888,388,489	57,488,474	645,874,943
		Central Total:		1,641	286,184,168	2,374,823,459	72,637,459	2,447,460,918					2,374,823,459	72,637,459	2,447,460,918
		GENCO-III ***													
	Northern Block 1														
	Unit 1	RFO	556												
Unit 2	RFO														
Unit 3	RFO														
Unit 1	Gas														
Unit 2	Gas														
Unit 3	Gas														
Unit 1	RLNG														
Unit 2	RLNG														
Unit 3	RLNG														
Unit 3	RLNG														
Northern Block 2															
Block-2 Unit 4	RFO	272													
Block-2 Unit 4	Gas														
Block-2 Unit 4	RLNG														
Northern Block 3															
Block-3 Unit 5	RFO	355													
Block-3 Unit 5	Gas														
Block-3 Unit 5	RLNG														
Block-3 Unit 5	RFO														
Block-3 Unit 5	Gas														
Block-3 Unit 5	RLNG														
Northern Block 4	RLNG	117													
Northern Block 5	RFO	97													
Northern Block 5	Gas														
Northern Block 6	Gas	75													
Nandipur	RLNG	411		23,814,000	656,130,504	14,278,277	670,408,781	(700)		(700)		656,129,804	14,278,277	670,408,081	
	Northern Total:		1,884	23,814,000	656,130,504	14,278,277	670,408,781	(700)		(700)		656,129,804	14,278,277	670,408,081	
	GENCO-IV														
LAKHRA	Coal	31													
	Sub-Total:		31												
	GENCOs Total:-		4,204	309,998,168	3,030,953,963	86,915,736	3,117,869,699	(700)		(700)		3,030,953,263	86,915,736	3,117,868,999	
3	<i>IPPs</i>														
	1	Kot Addu Block 1	RFO	325											
			RLNG												
			HSD												
		Kot Addu Block 2	RFO	762											
		RLNG		2,714,300	126,481,387	2,018,274	128,499,661					126,481,387	2,018,274	128,499,661	
		HSD													
	Kot Addu Block 3	RLNG	249												
		HSD													
	KAPCO Total:		1,336	2,714,300	126,481,387	2,018,274	128,499,661					126,481,387	2,018,274	128,499,661	



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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2023

S.No.	Power Producers	Fuel	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.)
2	Hub Power	RFO	1,208	925,800	38,097,746	316,540	38,414,286	-	-	-	-	38,097,746	316,540	38,414,286
3	Kohinoor Energy	RFO	124	29,063,000	913,024,356	41,658,625	954,682,981	-	-	-	-	913,024,356	41,658,625	954,682,981
4	AES Lalor	RFO	350	4,808,600	195,202,564	1,974,368	197,176,932	-	-	-	-	195,202,564	1,974,368	197,176,932
5	Pak Gen Power Limited	RFO	350	31,892,600	1,239,648,331	13,094,815	1,252,743,146	-	-	-	-	1,239,648,331	13,094,815	1,252,743,146
7	Habibullah	Gas	129	-	-	-	-	-	-	-	-	-	-	-
8	Fauji Kabinwala	Gas	151	-	-	-	-	-	-	-	-	-	-	-
9	Rousch	RLNG	395	3,631,973	108,432,976	2,436,851	110,869,827	-	-	-	-	108,432,976	2,436,851	110,869,827
10	Saba Power	RFO	126	11,994,400	418,763,484	4,908,514	423,661,998	-	-	-	-	418,763,484	4,908,514	423,661,998
12	Uch	Gas	549	399,435,000	4,585,397,977	254,639,813	4,840,037,790	(140,960)	-	(140,960)	-	4,585,257,017	254,639,813	4,839,896,830
13	Altern	Gas	27	-	-	-	-	-	-	-	-	-	-	-
14	Liberty	Gas	212	-	-	-	-	(122,949)	(672)	(123,622)	-	-	(123,622)	(123,622)
16	Chashma Nuclear	Nucl.	300	209,169,000	254,914,260	-	254,914,260	-	-	-	-	254,914,260	-	254,914,260
17	Chashma Nuclear-II	Nucl.	315	210,949,000	289,189,984	-	289,189,984	-	-	-	-	289,189,984	-	289,189,984
18	Chashma Nuclear-III	Nucl.	340	216,716,000	305,136,128	-	305,136,128	-	-	-	-	305,136,128	-	305,136,128
19	Chashma Nuclear-IV	Nucl.	340	104,334,000	136,969,242	-	136,969,242	-	-	-	-	136,969,242	-	136,969,242
20	Karachi Nuclear Power Plant-Unit-2	Nucl.	1,140	535,210,000	485,114,344	-	485,114,344	-	-	-	-	485,114,344	-	485,114,344
21	Karachi Nuclear Power Plant-Unit-3	Nucl.	1,145	599,275,000	543,182,860	-	543,182,860	-	-	-	-	543,182,860	-	543,182,860
22	Tavanir Iran	Import	96	37,130,000	952,737,235	-	952,737,235	(2,938,403)	-	(2,938,403)	-	949,798,832	-	949,798,832
Sub-Total:			8,633	2,397,248,673	10,592,272,874	321,047,800	10,913,320,674	(2,938,403)	(672)	(3,202,312)	-	10,589,070,562	321,047,128	10,910,117,690
1	Attock Gen	RFO	156	73,839,374	1,478,087,053	54,128,159	1,532,215,212	5,973,817	5,351,469	11,325,286	-	1,484,060,870	59,479,638	1,543,540,508
2	Atlas Power	RFO	214	69,803,199	2,081,377,827	152,066,269	2,233,444,096	-	-	-	-	2,081,377,827	152,066,269	2,233,444,096
3	Nisbat Power	RFO	195	55,470,880	1,736,033,302	108,667,454	1,844,700,756	-	-	-	-	1,736,033,302	108,667,454	1,844,700,756
4	Foundation Power	Gas	171	114,764,672	807,966,168	102,631,881	910,498,049	(622,539)	-	(622,539)	-	807,333,629	102,631,881	909,965,510
5	Orient	RLNG	213	35,316,791	830,308,724	20,329,496	850,638,220	3,577,132	-	3,577,132	-	833,865,856	20,329,496	854,215,352
6	Nisbat Chunian	RFO	196	41,594,083	1,322,660,245	71,787,228	1,394,437,473	-	-	-	-	1,322,660,245	71,787,228	1,394,437,473
7	Saif Power	RLNG	204	21,732,919	522,827,243	21,226,028	544,053,271	(78,624)	-	(78,624)	-	522,748,619	21,226,028	543,974,647
8	Engro Energy	Gas	213	97,353,612	733,471,320	77,388,192	810,859,512	(4,369,510)	(11,951)	(4,381,461)	-	729,101,810	77,376,241	806,478,051
9	Sapphire Power	RLNG	203	9,908,410	233,310,358	8,136,416	241,446,774	-	-	-	-	233,310,358	8,136,416	241,446,774
10	Hubco Narowal	RFO	214	56,506,059	1,667,222,572	85,188,535	1,752,411,107	-	-	-	-	1,667,222,572	85,188,535	1,752,411,107
11	Liberty Power	RFO	196	87,417,497	2,329,903,581	164,825,691	2,494,729,271	-	-	-	-	2,329,903,581	164,825,691	2,494,729,271
12	Haltmore	RLNG	199	7,424,371	178,865,557	7,303,354	186,168,911	-	-	-	-	178,865,557	7,303,354	186,168,911
13	Uch-II	Gas	361	248,155,848	2,485,420,927	129,637,126	2,615,058,053	(424,140)	(9,136)	(433,276)	-	2,484,996,787	129,627,990	2,614,624,777
14	JDW-II	Bagasse	26	15,330,900	91,712,610	16,430,551	107,143,061	-	-	-	-	91,712,610	16,430,551	107,143,061
15	JDW-III	Bagasse	26	15,139,150	90,565,423	16,237,554	106,802,978	-	-	-	-	90,565,423	16,237,554	106,802,978
16	RYK	Bagasse	24	13,187,500	78,890,263	13,271,900	92,162,163	-	-	-	-	78,890,263	13,271,900	92,162,163
17	Chiniot Power	Bagasse	62	27,621,220	165,235,662	30,883,286	196,118,948	-	-	-	-	165,235,662	30,883,286	196,118,948
19	Hamza Sugar Mills	Bagasse	15	7,840,170	46,901,465	7,891,131	54,792,596	-	-	-	-	46,901,465	7,891,131	54,792,596
20	Almoiz Industries Limited	Bagasse	38	-	-	-	-	-	-	-	-	-	-	-
21	Chanar Energy Limited	Bagasse	22	11,691,833	69,942,883	11,767,830	81,710,713	(113,841)	(19,287)	(133,128)	-	69,829,042	11,748,543	81,577,585
22	China Hub Power (Pvt.) Ltd	Coal	1,220	48,528,000	1,426,262,507	29,014,891	1,455,277,398	-	-	-	-	1,426,262,507	320,041,591	1,746,304,098
23	Engro PowerGen Thar TPS	Coal	660	243,518,900	3,000,809,100	280,336,558	3,281,146,658	(15,116,475)	390,026,865	374,910,390	-	2,985,982,822	670,365,822	3,656,348,644
24	Layyah Sugar Mills	Bagasse	41	10,633,600	63,511,724	10,702,618	74,314,341	-	-	-	-	63,511,724	10,702,618	74,314,341
25	GATPL	RLNG	1,180	258,862,400	5,777,607,147	222,569,891	6,000,177,038	-	-	-	-	5,777,607,147	222,569,891	6,000,177,038
26	Haveli Bahadur Shah	RLNG	1,230	416,737,600	8,800,570,679	128,980,287	8,929,550,966	345,945,562	-	345,945,562	-	9,146,516,241	128,980,287	9,275,496,528
27A	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	629,041,000	18,267,562,122	168,898,536	18,436,460,658	-	-	-	-	18,267,562,122	168,898,536	18,436,460,658
28A	Baloki	RLNG	1,320	500,826,300	10,790,646,675	172,934,544	10,963,581,219	899,024,160	-	899,024,160	-	11,689,670,835	172,934,544	11,862,605,379
28B	Port Qasim	Coal	1,320	445,122,800	7,956,837,124	119,337,423	8,076,174,546	168,368,745	(2,256,224)	166,110,521	-	8,125,203,868	117,081,199	8,242,285,067
31	Lucky Electric Power Company Limited	Coal	660	341,475,800	4,868,518,546	152,447,203	5,020,965,849	(2,400,502)	35,975,178	33,574,677	-	4,866,118,145	188,422,381	5,054,540,526
33	Punjab Thermal Power (Private) Limited	RLNG	1,320	4,816,900	140,936,495	3,722,477	144,658,971	-	-	-	-	140,936,495	3,722,477	144,658,971
34	Thar Energy Limited	Coal	330	163,693,500	1,731,131,746	43,280,561	1,774,412,307	-	-	-	-	1,731,131,746	43,280,561	1,774,412,307
35	Thar Coal Block-1 Power Generation Company	Coal	1,320	491,337,500	1,716,194,151	401,472,198	2,117,666,349	-	-	-	-	1,716,194,151	401,472,198	2,117,666,349
36	Thal Nova	Coal	330	171,056,900	261,550,030	58,059,858	319,609,888	-	-	-	-	261,550,030	58,059,858	319,609,888
IPP's Total:-			15,377	4,645,748,888	81,751,921,228	2,889,357,525	84,641,276,753	1,671,504,108	720,083,614	2,391,587,722	-	82,423,425,336	3,609,441,138	87,032,866,474
Sub-Total:			23,970	7,042,997,561	92,344,194,102	3,210,405,325	95,554,599,427	1,668,301,796	720,082,941	2,388,384,737	-	94,012,495,898	3,930,488,266	97,942,984,164
4	Others													
1	TPS-Quetta	Gas	25	-	-	-	-	-	-	-	-	-	-	-
2	Zorku	Wind	55	7,379,840	-	-	-	-	-	-	-	-	-	-
3	FFCEL	Wind	50	7,107,150	-	-	-	-	-	-	-	-	-	-
4	TGF	Wind	50	7,086,000	-	-	-	-	-	-	-	-	-	-
5	Foundation	Wind	50	5,267,390	-	-	-	-	-	-	-	-	-	-
6	Sapphire Wind Power	Wind	53	4,536,197	-	-	-	-	-	-	-	-	-	-
7	Younus Energy Ltd.	Wind	50	5,294,860	-	-	-	-	-	-	-	-	-	-
8	Metro Wind Power	Wind	50	10,680,840	-	-	-	-	-	-	-	-	-	-
9	Gui Ahmad Wind Power	Wind	50	5,506,080	-	-	-	-	-	-	-	-	-	-
10	Master Wind Power	Wind	50	4,823,344	-	-	-	-	-	-	-	-	-	-
11	Tenaga Generasi	Wind	50	3,853,690	-	-	-	-	-	-	-	-	-	-
12	Tapal Wind	Wind	31	2,720,960	-	-	-	-	-	-	-	-	-	-
13	Hydrochina Dawood Power (Private) Limited	Wind	50	3,696,060	-	-	-	-	-	-	-	-	-	-
14	SEDL Wind	Wind	50	8,560,705	-	-	-	-	-	-	-	-	-	-
15	UEPL Wind	Wind	99	7,770,096	-	-	-	-	-	-	-	-	-	-
16	Quidi-e-Azam Solar Park	Solar	100	12,025,070	-	-	-	-	-	-	-	-	-	-
17	Appollo Solar Park	Solar	100	12,073,290	-	-	-	-	-	-	-	-	-	-
18	Best Green Energy	Solar	100	12,691,520	-	-	-	-	-	-	-	-	-	-
19	Crest Energy	Solar	100	12,880,060	-	-	-	-	-	-	-	-	-	-
20	Harappa	Solar	18	1,675,250	-	-	-	-	-	-	-	-	-	-
21	IAJ Solar	Solar	12	1,282,325	-	-	-	-	-	-	-	-	-	-



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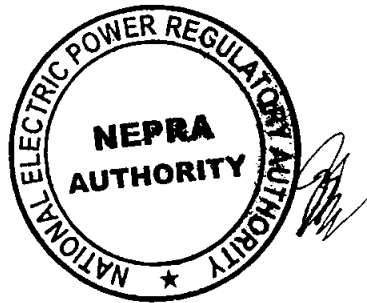
CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2023

S.No.	Power Producers	Fuel	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.)	
22	AEP Wind	Wind	50	7,441,285	-	-	-	-	-	-	-	-	-	-	
23	Jhample Wind	Wind	50	6,533,070	-	-	-	-	-	-	-	-	-	-	
24	HAWA Wind	Wind	50	7,346,450	-	-	-	-	-	-	-	-	-	-	
25	TGT	Wind	50	6,063,246	-	-	-	-	-	-	-	-	-	-	
26	TGS	Wind	50	5,672,758	-	-	-	-	-	-	-	-	-	-	
27	Tricon Boston-A	Wind	50	5,810,024	-	-	-	-	-	-	-	-	-	-	
28	Tricon Boston-B	Wind	50	6,198,538	-	-	-	-	-	-	-	-	-	-	
29	Tricon Boston-C	Wind	50	6,624,886	-	-	-	-	-	-	-	-	-	-	
30	ZEPHYR Wind	Wind	50	6,215,902	-	-	-	-	-	-	-	-	-	-	
31	Foundation Wind Energy-II (Pvt) Limited	Wind	50	7,053,380	-	-	-	-	-	-	-	-	-	-	
32	Master Green Energy Limited	Wind	50	9,952,020	-	-	-	-	-	-	-	-	-	-	
33	Lucky Renewables (Private) Limited	Wind	50	11,780,880	-	-	-	-	-	-	-	-	-	-	
34	ACTZ DIN Wind (Pvt) Ltd.	Wind	50	11,126,460	-	-	-	-	-	-	-	-	-	-	
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	11,047,830	-	-	-	-	-	-	-	-	-	-	
36	Indus Wind Energy Ltd.	Wind	50	11,659,640	-	-	-	-	-	-	-	-	-	-	
37	Lakeside Energy Limited	Wind	50	11,313,580	-	-	-	-	-	-	-	-	-	-	
38	Liberty Wind Power-I Ltd.	Wind	50	10,781,690	-	-	-	-	-	-	-	-	-	-	
39	DIN Energy Ltd.	Wind	50	12,506,350	-	-	-	-	-	-	-	-	-	-	
40	Gul Ahmed Electric Limited	Wind	50	10,758,140	-	-	-	-	-	-	-	-	-	-	
41	Zhenli Pakistan New Energy Company Limited	Solar	50	12,246,300	-	-	-	-	-	-	-	-	-	-	
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	10,076,180	-	-	-	-	-	-	-	-	-	-	
43	NASDA Green Energy Limited	Wind	50	11,885,110	-	-	-	-	-	-	-	-	-	-	
44	Metro Wind Power Limited	Wind	50	15,120,090	-	-	-	-	-	-	-	-	-	-	
45	Net Metering Net Exported units	Solar	-	7,315,402	-	-	-	-	-	-	-	-	-	-	
46	SPPs	Mixed	257	2,151,960	12,997,838	-	12,997,838	-	-	-	-	12,997,838	-	12,997,838	
Sub-Total			2,643	361,524,798	12,997,838	-	12,997,838	-	-	-	-	12,997,838	-	12,997,838	
G-Total:			41,410	8,514,852,486	95,388,145,904	3,392,839,842	98,780,985,745	1,668,301,096	817,330,122	2,485,631,218	-	97,056,447,000	4,210,169,964	101,266,616,963	
Summary															
1	Hydel			800,331,959	-	95,516,781	95,516,781	-	97,247,181	97,247,181	-	-	192,765,962	192,765,962	
2	Coal			2,443,773,600	39,227,865,425	1,262,849,628	40,480,715,054	150,849,788	714,772,519	865,622,287	-	39,378,715,194	1,967,622,147	41,346,337,341	
3	HSD			-	-	-	-	271,742,323	-	271,742,323	-	271,742,323	-	271,742,323	
4	F.O.			463,316,492	13,420,001,061	698,616,197	14,118,617,258	5,973,817	5,351,469	11,325,286	-	13,425,974,878	703,967,665	14,129,942,543	
5	Gas			1,145,893,300	10,987,069,851	636,734,471	11,623,804,322	(5,680,098)	(21,759)	(5,701,858)	-	10,981,389,753	636,712,712	11,618,102,465	
6	RLNG			1,285,786,064	28,166,117,744	603,935,895	28,770,053,639	1,248,467,530	-	1,248,467,530	-	29,414,585,274	603,935,895	30,018,521,169	
6	Nuclear			1,875,653,000	2,014,496,818	-	2,014,496,818	-	-	-	-	2,014,496,818	-	2,014,496,818	
7	Import from Iran			37,130,000	952,737,235	-	952,737,235	(2,938,403)	-	(2,938,403)	-	949,798,832	-	949,798,832	
8	Wind Power			287,212,621	-	-	-	-	-	-	-	-	-	-	
9	Solar			72,160,217	-	-	-	-	-	-	-	-	-	-	
10	Bagasse			101,444,273	606,859,930	105,184,870	712,044,800	(113,841)	(19,287)	(133,128)	-	606,746,089	105,165,583	711,911,672	
11	Mixed			2,151,960	12,997,838	-	12,997,838	-	-	-	-	12,997,838	-	12,997,838	
Totals For The month				8,514,852,486	95,388,145,904	3,392,839,842	98,780,985,745	1,668,301,096	817,330,122	2,485,631,218	-	97,056,447,000	4,210,169,964	101,266,616,963	
Prev. Adjustments :				(12,139,070)	1,668,301,096	817,330,122	2,485,631,218	-	-	-	-	-	-	-	-
GRAND TOTALS :				8,502,713,416	97,056,447,000	4,210,169,964	101,266,616,963	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	97,056,447,000	4,210,169,964	101,266,616,963
Cost not chargeable to DISCOs (Rs.)	1,060,233,520	-	1,060,233,520
EPP (Chargeable) (Rs.)	95,996,213,480	4,210,169,964	100,206,383,443
Energy Sold (KWh)	8,185,977,799	8,185,977,799	8,185,977,799
Avg. Rate (Rs./KWh)	11.7269	0.5143	12.2412

Reference Rate (Rs./KWh)	10.5541
FCA Rate (Rs./KWh)	1.1728

Matu = 2



Annex-II				
Source Wise Generation				
Sources	January 2023			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	1,121.13	12.56%	800.33	9.40%
Coal	3,525.79	39.49%	2,443.77	28.70%
HSD	-	0.00%	-	0.00%
RFO	-	0.00%	463.32	5.44%
Gas	1,260.45	14.12%	1,145.89	13.46%
RLNG	631.99	7.08%	1,285.79	15.10%
Nuclear	1,821.40	20.40%	1,875.65	22.03%
Import Iran	31.65	0.35%	37.13	0.44%
Mixed	1.06	0.01%	2.15	0.03%
Wind	333.75	3.74%	287.21	3.37%
Baggasse	125.23	1.40%	101.44	1.19%
Solar	75.94	0.85%	72.16	0.85%
Total	8,928.39	100.0%	8,514.85	100.0%
Sale to IPPs	(12.70)	-0.14%	(30.10)	-0.35%
Transmission Losses	(352.97)	-3.95%	(296.06)	-3.48%
Net Delivered	8,562.72	95.9%	8,188.69	96.17%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	January 2023			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	64,976.58	18.4289	39,227.87	16.0522
HSD	-	-	-	-
RFO	-	-	13,420.00	28.9651
Gas	9,504.62	7.5407	10,987.07	9.5882
RLNG	13,085.03	20.7046	28,039.64	21.8074
Nuclear	1,697.96	0.9322	2,014.50	1.0740
Import Iran	588.57	18.5983	952.74	25.6595
Mixed	7.01	6.5872	13.00	6.0400
Wind	-	-	-	-
Baggasse	766.37	6.1197	606.86	5.9822
Solar	-	-	-	-
Total	90,626.13	10.1503	95,261.66	11.1877
Supplemental Charges	-	-	1,601.20	0.1880
Sale to IPPs	(253.94)	-	(1,060.23)	(35.2275)
Grand Total	90,372.19	10.1219	95,802.63	11.2512
Transmission Losses	-	0.4322	-	0.4481
Total	90,372.19	10.5541	95,802.63	11.6994
EMO Deductions			(5,465.0)	(0.6674)
Net Total	90,372	10.5541	90,338	11.0320

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the ~~March~~ 10, 2023

S.R.O. 327 (I)/2023; – 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 January 2023 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	January 2023
Actual Fuel Charge Component for January 2023	Rs.11.0320/kWh
Corresponding Reference Fuel Charge Component	Rs.10.5541/kWh
Fuel Price Variation for the month of January 2023 - Increase	Rs.0.4779/kWh

Note: The Authority has reviewed and assessed an increase of Rs.0.4779/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of January 2023 as per the above details.

2. The above adjustment an increase of Rs.0.4779/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of January 2023. XWDISCOs shall reflect the fuel charges adjustment in respect of January 2023 in the billing month of March 2023.

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.

(Engr. Mazhar Iqbal Ranjha)
Registrar

Mazhar
Ranjha

10/03/23