



National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad.
Tel: +92-51-9206500, Fax: +92-51-2600026
Web: www.nepra.org.pk, E-mail: registrar@nepra.org.pk

Registrar

No. NEPRA/R/ADG(Tariff)TRF-100/MFPA/ 1695-1710

February 02, 2024

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, 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 December 2023 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the Decision of the Authority (total 10 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of **December 2023** and its Notification i.e. S.R.O. 58(I)/2024 dated February 02, 2024.

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: (Decision along with Notification is
also available on NEPRA's website)

(Engr. Mazhar Iqbal Ranjha)

CC:

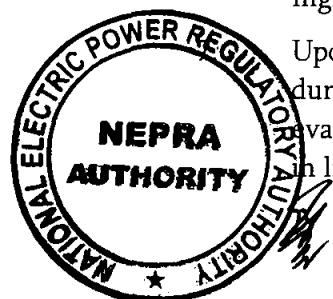
1. Secretary, Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad.
2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. Member (Power), WAPDA, WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
5. Managing Director, NTDC, 414 WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
6. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited (CPPA-G), 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 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 December 2023, request was filed by CPPA-G vide letter dated January 12, 2023.
3. The Authority has reviewed the request/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 2023, as claimed by CPPA-G, is Rs.11.0225/kWh, against the reference fuel cost component of Rs.5.4031/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2023-24. The actual fuel charges, as claimed by CPPA-G, for the month of December 2023 increased by Rs.5.6194/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 16, 2024 and also uploaded on NEPRA's official website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on January 31, 2024 at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad and online 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 of CPPA-G, SO-NPCC, NTDC, general Public and Media 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. CPPA-G during hearing presented its case before the Authority. During hearing, general public and different media representatives raised their concerns regarding high fuel price adjustments during recent past months.

Upon inquiry from the Authority, CPPA-G explained that major reason for high FCAs during winter months is low demand coupled with system constraints in terms of evacuation of power from south to north. It was further submitted that fuel prices remained in line with projections made in the base tariff.



1/10



8. During the hearing, a commentator raised the issue of timely application of monthly FCAs within 7 days, as per the provisions of NEPRA Act. The Authority noted that the issue of timely application of FCAs has already been decided by the Hon. Supreme Court of Pakistan vide judgment dated 02.05.2018, as under:

“In future, the time fixed in terms of provisions of second proviso to Section 31(4) of Act XL Of 1997 for claiming tariff revision on the basis of fuel price fluctuation shall be four (04) with reference to the bill/notified tariff of any particular month;

b) For filing refund claims by consumers, which are based upon downward fluctuation of fuel price, we find that a period of two (02) months is reasonable for the purpose of processing and granting such refunds relatable to the bill of a particular month;...”

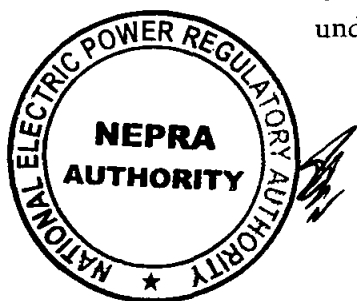
9. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;

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 (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.



Handwritten signature

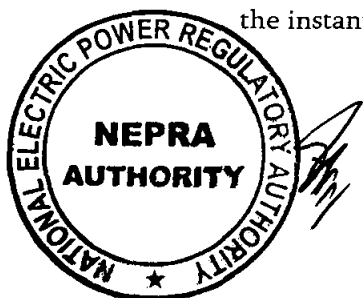


c) **Power Plants Operations**

- i. It is certified that Merit Order was followed as defined under section 2(I)(x) of the NEPRA Licensing (Generation) Rules, 2000, while operating power plants in its fleet during month of December 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.
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 28.2 GWh from Tavanir Iran in December 2023 at a cost of Rs.934 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.
 12. Regarding current month fuel cost, following deduction are being made in line with NEPRA latest approved rates.

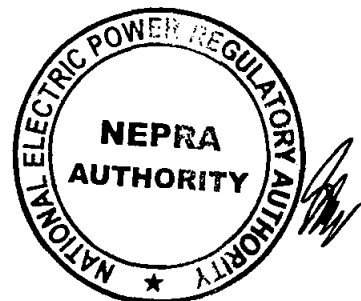
Plants	Energy (kWh)	Fuel Charge Claimed by CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Uch-II	106,185,804	2,002,434,727	1,522,352,079	(480,082,648)
Thar Coal Block-1 Power Genera	589,043,900	7,699,665,585	7,621,271,884	(78,393,701)
Total	695,229,704	9,702,100,312	9,143,623,963	(558,476,349)

13. CPPA-G in its FCA request claimed net positive amount of Rs.5,410 million as previous adjustments.
14. Regarding previous adjustment of QATPL, Port Qasim, Tavanir Iran and GENCO-II amounting to Rs. Rs.6,837 million, it was noted that the claimed amount pertains to previous periods, which require proper financial verification and reconciliation of any amounts previously allowed for such periods. Accordingly, the amount of Rs.6,837 million is provisionally withheld and CPPA-G is directed to bring this matter separately before the Authority with proper financial verification and reconciliation of any amounts previously allowed for such periods.
15. In view thereof, the following amounts, under previous adjustments, are being allowed in the instant FCA;





Power Plants	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Allowed Rs.	Deduction Rs.
Nishat Power	21,972,669	21,972,669	-
Foundation Power	(11,235)	(11,235)	-
Engro Energy	(3,486,148)	(3,486,148)	-
Saphire Power	14,570,199	14,570,199	-
China Hub Power	234,373,718	234,373,718	-
Engro Thar	(3,453,941)	(3,453,941)	-
QATPL	(132,173,285)	(184,303,385)	(52,130,100)
Haveli Bahadur Shah	76,394,939	76,394,939	-
Baloki	(190,104,710)	(190,104,710)	-
Port Qasim	485,856,857	(60,046,826)	(545,903,683)
Lucky Electric	(549,605)	(549,605)	-
Punjab Thermal	(406,694,561)	(406,694,561)	-
Thar Energy Limited	(1,373,037)	(1,373,037)	-
Thar Coal Block 1	(635,911,920)	(635,911,920)	-
ThalNova	(7,574)	(7,574)	-
Liberty	(279,118,653)	(279,118,653)	-
KANUPP-II	(21,724)	(21,724)	-
KANUPP-III	(8,695,610)	(8,695,610)	-
Tavanir Iran	3,571,353,278	-	(3,571,353,278)
GENCO-II	2,667,931,419	-	(2,667,931,419)
Total	5,410,851,075	(1,426,467,405)	(6,837,318,480)



16. NTDCL, reported provisional T&T losses of 248.148 GWh i.e. 3.136%, based on energy delivered on NTDCL system during December 2023. NTDC in addition also reported T&T losses of 21.268 GWh i.e. 2.840%, for PMLTC (HVDC) line. 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%.
17. Accordingly, for the month of December 2023, T&T losses of 269.416 GWh have been verified for NTDCL system only at 500 kV and 220 kV network and PMLTC (HVDC) being within the Authority's allowed limit have also considered while working out the FCA of December 2023.
18. In view of the above discussion, the Authority has calculated the fuel cost for the month of December 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 as 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.
19. 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.
20. CPPA-G in its request has also included 18.47 GWh for the Net Metering units procured during December 2023 based on information provided by PITC.
21. As per data provided by CPPA-G, during December 2023, 23.454 GWh were supplied by power producers having bilateral contracts with DISCOs. Regarding fuel cost of SPPs/CPP it is important to mention that CPPA-G only provided NTDC monthly reading data containing energy supplied by aforementioned SPPs/CPPs to DISCOs, however, no fuel cost has been claimed / provided along-with the FCA data.
22. Here it is also pertinent to mention that while approving the Power Acquisition Requests (PARs) for such SPPs, the Authority also prescribed an adjustment mechanism for indexation of fuel cost component based on prevalent fuel prices. As CPPA-G has not claimed any cost for the energy supplied by SPPs/CPPs, therefore, in order to avoid piling



up of costs and one time burdening of consumers, the cost for energy supplied by SPPs during December 2023 has been accounted for based on the reference Fuel cost component as approved by the Authority in the respective PAR of such SPP/CPPs.

23. Based on the aforementioned discussion and in light of earlier decisions of the Authority for FCA of May 2023 and onward, separate FCA of each DISCO after accounting for the energy purchased from CPPA-G, bilateral contracts (Captive, SPPs) and Net metering as part of individual basket of each DISCO has been worked out. However, since a uniform tariff regime is in place in the country, therefore, the Authority has also worked out a National Average Uniform monthly FCA to be charged from all the consumers of XWDISCOs.

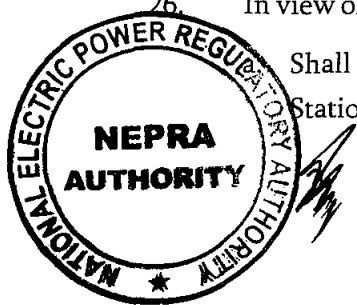
Description	Unit	CPPA-G Pool	K-Electric	T&T Loss Diff.	XWDISCOs
Energy Procured from CPPA-G Pool	GWh	7,420	709	1.71	6,709
Fuel Cost allocated from Pool	Rs. Mln	74,371	7,110	17	67,244
Actual Fuel Cost component (FCC) of CPPA-G Pool	Rs./kWh	10.0232	10.0232	10.0232	10.0232

Description	Unit	FESCO	GEPCO	HESCO	SEPCO	IESCO	LESCO	MEPCO	PESCO	TESCO	QESCO	National Avg. Uniform
Energy Procured from CPPA-G Pool	GWh	856	642	265	163	762	1,432	936	997	122	533	6,709
Energy Procured from Net Metering	GWh	1.46	1.13	0.18	0.07	3.72	6.01	4.40	1.48	0.00	0.02	18.47
Energy Procured from SPPs	GWh		2.46	7.37	12.77			0.86				23.45
Total Energy	GWh	858	646	273	176	766	1,438	941	999	122	533	6,751
Fuel Cost allocated from Pool	Rs. Mln	8,585	6,436	2,659	1,633	7,640	14,352	9,379	9,997	1,220	5,343	67,244
Fuel Cost for Energy Procured through bilateral contracts	Rs. Mln			20.6	41.7							62
Total Fuel Cost	Rs. Mln	8,585	6,436	2,679	1,675	7,640	14,352	9,379	9,997	1,220	5,343	67,306
Actual Fuel Cost component (FCC)	Rs./kWh	10.0062	9.9675	9.8214	9.5281	9.9745	9.9814	9.9672	10.0084	10.0232	10.0229	9.9702
Reference Fuel Cost component (FCC)	Rs./kWh	5.4031	5.4031	5.4031	5.4031	5.4031	5.4031	5.4031	5.4031	5.4031	5.4031	5.4031
Fuel Charges Adjustment	Rs./kWh	4.6031	4.5644	4.4182	4.1250	4.5714	4.5783	4.5641	4.6052	4.6201	4.6198	4.5671

24. CPPA-G is directed to develop a proper mechanism for Inter DISCO settlement of FCA worked for each XWDISCOs and the FCA charged from consumers after consultation with DISCOS, in order to ensure proper accounting of energy and cost of each DISCO as per their own basket.
25. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a National Average Uniform increase of Rs.4.5671/kWh (**Annex-II**) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of December 2023 as per the following details:

Actual National Avg. Uniform Fuel Charge Component for December 2023 for XWDISCOs Consumers	Rs.9.9702/kWh
Corresponding Reference Fuel Charge Component	Rs.5.4031/kWh
National Avg. Uniform Fuel Price Variation for the month of December 2023- Increase for XWDISCOs consumers	Rs.4.5671/kWh

26. 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.



Math - 9



- b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of December 2023.
- c. XWDISCOs shall reflect the fuel charges adjustment in respect of December 2023 in the billing month of February 2024.
- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

AUTHORITY

Mathar Niaz Rana

Mathar Niaz Rana (nsc)
Member

Rafique Ahmed Shaikh
Member

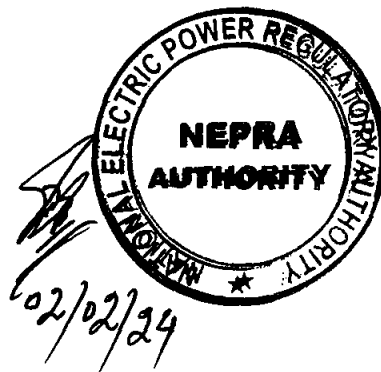
Engr. Maqsood Anwar Khan

Engr. Maqsood Anwar Khan
Member

Amina Ahmed
Member

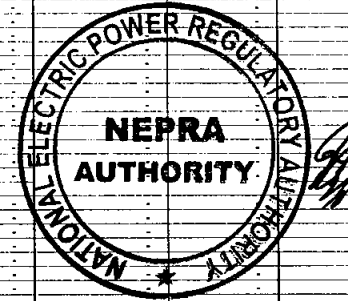
Waseem Mukhtar

Waseem Mukhtar
Chairman



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

S.No.	Power Producers	Fuel	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+G	K=H+J
1	<i>Hydel</i>												
	WAPDA	Hydel	1,651,563,525		139,362,175	139,362,175						139,362,175	139,362,175
	Jagran	Hydel	2,224,121		5,760,473	5,760,473						5,760,473	5,760,473
	Malakand-II SHYDO	Hydel	5,790,340		1,833,801	1,833,801						1,833,801	1,833,801
	Larab	Hydel	29,343,750		25,785,009	25,785,009						25,785,009	25,785,009
	Star Hydel	Hydel	16,094,200		1,171,310	1,171,310		137,579,597	137,579,597			137,579,597	137,579,597
	Nedum-Jhalum	Hydel	81,201,500										
	Tarbella Ext. 4	Hydel						0	0			0	0
	Mira Power Limited	Hydel	9,590		1,861	1,861						1,861	1,861
	Daral Khwar HPP	Hydel	2,293,680		18,964,834	18,964,834		(1,799,952)	(1,799,952)			17,164,882	17,164,882
	Karot Power Company (Pvt) Limited	Hydel	71,493,300		58,524,415	58,524,415		59,317,226	59,317,226			117,841,641	117,841,641
	Kanolia Hydro Power Complex	Hydel											
	Hydel Total:		1,859,014,006		251,373,878	251,373,878		195,096,871	195,096,871			446,470,749	446,470,749
	Ex-WAPDA GENCOs												
	GENCO-I ***												
	Jamshoro Block 1	RFO											
	Unit 1	Gas											
	Jamshoro Block 2	Unit-2	RFO										
		Gas											
		RLNG											
		Unit-3	RFO										
		Gas											
		RLNG											
		Unit-4	Gas										
		RLNG											
		Unit-4	RFO										
		Gas											
	Kotli 3-7	Gas											
	Jamshoro Block 4	Gas											
	Jamshoro Total:												
	GENCO-II ***												
	Quaddu CG Block 1 (OC)	Gas											
	Central Block 2 (OC)	Gas											
	Quaddu (OC) Block-2	Gas											
	Block 3 (Unit 3&4)	Gas											
	Quaddu 747 (OC)	Gas	105,236,000	1,143,988,985	118,906,156	1,262,895,141	2,667,931,419		2,667,931,419		3,611,920,404	118,906,156	3,930,826,560
	Central Total:		105,236,000	1,143,988,985	118,906,156	1,262,895,141	2,667,931,419		2,667,931,419		3,611,920,404	118,906,156	3,930,826,560
	GENCO-III ***												
	Northern Block 1	Unit 1	RFO										
		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										
		Block-2 Unit 4	Gas										
		Block-2 Unit 4	RLNG										
	Northern Block 3	Block-3 Unit 6	RFO										
		Block-3 Unit 6	Gas										
		Block-3 Unit 6	RLNG										
		Block-3 Unit 6	RFO										
		Block-3 Unit 6	Gas										
		Block-3 Unit 6	RLNG										
	Northern Block 4	Block-3 Unit 6	RLNG										
	Northern Block 5	RFO											
	Northern Block 6	Gas											
	Northern Block 8	Gas											
	Handipur	RLNG											
	Northern Total:		105,236,000	1,143,988,985	118,906,156	1,262,895,141	2,667,931,419		2,667,931,419		3,611,920,404	118,906,156	3,930,826,560
	GENCOs Total:-		105,236,000	1,143,988,985	118,906,156	1,262,895,141	2,667,931,419		2,667,931,419		3,611,920,404	118,906,156	3,930,826,560
	Sub-Total:												
	Hub Power	RFO											
	Kachhowry Energy	RFO	13,276,000	522,421,645	23,828,220	546,049,865					522,421,645	23,828,220	546,049,865
	AES Lajp	RFO	5,213,790	228,057,254	2,658,964	230,715,318					228,057,254	2,658,964	230,715,318
	Pak Gen Power Limited	RFO	45,319,800	1,963,588,278	23,104,974	1,986,693,252					1,963,588,278	23,104,974	1,986,693,252
	Habibullah	Gas											
	Fauji Kabinwala	Gas											
	Roush	RLNG											
	Sabe Power	RFO											
	Uch	Gas	367,256,000	4,808,460,743	260,935,388	5,069,396,131		(4,746)	(4,746)		4,808,460,743	260,935,388	5,069,396,131
	Ahmed	Gas											
	Liberty	Gas	86,053,900	2,659,225,902	84,300,256	2,843,626,158	(279,118,853)	(37)	(279,118,890)		2,280,107,249	84,300,219	2,364,407,468
	Chashma Nuclear	Nucl.	141,350,000	202,780,710		202,780,710					202,780,710		202,780,710
	Chashma Nuclear-II	Nucl.	216,384,000	448,862,336		448,862,336					448,862,336		448,862,336
	Chashma Nuclear-III	Nucl.	234,526,000	330,212,608		330,212,608					330,212,608		330,212,608
	Chashma Nuclear-IV	Nucl.	215,747,000	365,453,843		365,453,843					365,453,843		365,453,843
	Karachi Nuclear Power Plant-Unit-2	Nucl.	655,421,600	578,225,890		578,225,890	(21,724)	(21,724)			578,225,890		578,225,890
	Karachi Nuclear Power Plant-Unit-3	Nucl.	28,203,600	934,315,846		934,315,846	(8,895,810)	(8,895,810)			934,315,846		934,315,846
	Tarapur Iran	Import											
	Sub-Total:		2,009,751,061	12,943,608,055	394,626,902	13,338,235,957	3,283,517,291	(4,783)	3,283,512,508		16,227,126,346	394,622,119	16,621,748,465
	Attack-Gan	RFO	23,168,460	642,889,637	70,077,641	713,067,278					642,889,637	70,077,641	713,067,278
	Atlas Power	RFO	28,942,352	1,038,706,282	86,421,863	1,125,128,145		137,529,903	137,529,903		1,038,706,282	223,951,768	1,262,658,049
	Nisat Power	RFO	23,384,363	925,176,599	69,825,708	995,002,307		21,872,669	13,334,308		947,149,268	83,160,014	1,030,309,282
	Foundation Power	Gas	80,495,532	813,112,886	109,555,704	922,668,590	(11,235)	99,336,598	89,325,284		813,101,651	208,882,233	1,021,983,884
	Orient	RLNG	32,947	1,048,802	24,893	1,073,695					1,048,802	24,893	1,073,695
	HSD												
	Nisat Chuntan	RFO	7,957,721	320,810,747	23,705,255	344,516,003		121,551,783	121,551,783		320,810,747	145,257,038	466,067,785
	Self Power	RLNG											

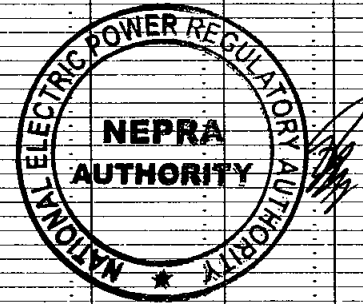


7/10

Mart

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

S.No.	Power Producers	Fuel	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.)
8	Engro Energy	Gas	70,685,656	734,034,615	76,849,393	810,884,008	(3,486,148)	64,045,008	60,558,860	-	730,548,467	140,894,401	871,442,868
9	Sapphire Power	RLNG	2,781,610	82,920,172	3,539,321	86,459,493	14,570,199	-	14,570,199	-	97,490,371	3,539,321	101,029,692
10	Habco Harrowal	HSD	7,112,016	291,013,027	18,709,580	309,722,607	-	-	-	-	291,013,027	18,709,580	309,722,607
11	Liberty Power	RFO	13,844,368	552,053,865	45,182,479	597,236,344	-	193,727,871	193,727,871	-	552,053,865	238,910,350	790,964,215
12	Haimore	RLNG	-	-	-	-	-	-	-	-	-	-	-
13	Uch-I	Gas	106,185,804	2,002,434,727	75,949,959	2,078,384,686	-	-	-	-	2,002,434,727	75,949,959	2,078,384,686
14	JDW-II	Bagasse	15,252,600	91,244,104	21,297,205	112,541,309	[0]	1,971,616	1,971,616	-	91,244,104	23,268,821	114,512,925
15	JDW-III	Bagasse	15,002,600	89,748,554	20,948,130	110,696,684	[0]	1,392,215	1,392,215	-	89,748,554	22,340,345	112,088,899
16	RYK	Bagasse	12,793,200	76,531,481	17,860,587	94,392,068	-	10,718,884	10,718,884	-	76,531,481	28,579,471	105,110,952
17	Chenab Power	Bagasse	26,838,910	160,555,727	41,638,205	202,191,902	[0]	679,837	679,837	-	160,555,727	42,316,102	202,871,829
18	Hamza Sugar Mills	Bagasse	9,383,760	56,135,529	13,102,544	69,238,073	-	-	-	-	56,135,529	13,102,544	69,238,073
20	Almole Industries Limited	Bagasse	5,804,154	34,721,610	8,104,340	42,825,950	0	19	20	-	34,721,610	8,104,359	42,825,970
21	Chenab Energy Limited	Bagasse	2,912,598	17,423,744	4,067,443	21,491,187	-	-	-	-	17,423,744	4,067,443	21,491,187
22	China Hub Power (Pvt.) Ltd	Coal- Imported	-	-	-	-	234,373,718	-	234,373,718	-	234,373,718	-	234,373,718
23	Engro PowerGen Thar TPS	Coal- Local	350,684,700	4,188,789,475	462,027,092	4,650,796,567	(3,453,841)	198,107,711	194,653,769	-	4,185,335,533	660,134,809	4,845,450,336
24	Layyah Sugar Mills	Bagasse	13,241,300	79,260,202	18,500,053	97,760,255	-	-	-	-	79,260,202	18,500,053	97,760,255
25	QATPL	RLNG	172,903,000	4,639,421,135	61,121,918	4,700,543,053	(132,173,285)	(1,623)	(132,174,908)	-	4,607,247,848	61,120,295	4,568,368,144
25A	HSD	-	-	-	-	-	-	-	-	-	-	-	-
26	Haveli Bahadur Shah	RLNG	532,739,079	13,854,670,087	214,906,944	14,169,577,031	76,394,939	-	76,394,939	-	14,031,065,026	214,906,944	14,245,971,970
27	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal- Imported	168,224,100	3,175,381,289	83,420,486	3,238,801,775	-	-	-	-	3,175,381,289	83,420,486	3,238,801,775
30	Balokli	RLNG	547,713,900	14,290,465,654	246,471,255	14,536,936,909	(190,104,710)	-	(190,104,710)	-	14,100,360,944	246,471,255	14,346,832,199
29A	HSD	-	-	-	-	-	-	-	-	-	-	-	-
31	Port Qasim	Coal- Imported	186,617,900	3,065,457,553	71,213,391	3,126,870,944	485,856,857	208,517,373	694,374,230	-	3,541,314,410	279,730,764	3,821,045,174
32	Lucky Electric Power Company Limited	Coal- Imported	28,786,100	387,719,981	10,852,360	398,572,341	(549,605)	100,419,467	99,868,862	-	387,170,376	111,270,827	498,441,203
33	Punjab Thermal Power Private Limited	RLNG	11,817,049	281,822,883	11,905,677	293,828,560	(406,594,561)	(107,102)	(406,801,663)	-	(124,771,678)	11,798,575	(112,973,103)
34	Thar Energy Limited	HSD	6,310,251	265,975,187	6,357,578	272,332,764	-	-	-	-	265,975,187	6,357,578	272,332,764
35	Thar Coal Block-I Power Generation Company	Coal- Local	177,292,900	2,088,242,104	140,079,120	2,238,321,224	(1,373,037)	105,524,038	104,151,001	-	2,086,869,087	245,803,158	2,342,472,225
36	Thar Coal Block-II Power Generation Company	Coal- Local	589,043,900	7,699,665,585	392,715,568	8,092,381,154	(635,911,920)	188,269,050	(447,642,870)	-	7,063,753,685	580,984,819	7,644,738,284
36	Thar Nova Power Thar (Pvt.) Ltd	Coal- Local	192,532,600	2,161,030,827	192,120,007	2,313,150,834	(7,574)	46,482,092	46,474,518	-	2,161,023,053	198,602,099	2,359,625,153
Sub-Total:			3,440,495,430	64,208,443,700	3,558,549,760	66,767,193,630	(540,597,835)	1,491,497,977	950,900,342	-	63,668,046,338	4,050,047,737	67,718,093,872
IPP's Total:-			5,450,246,431	77,152,252,925	2,953,176,662	80,105,429,587	2,742,919,658	1,491,493,194	4,234,412,850	-	79,895,172,582	4,444,669,856	84,339,842,437
4	Others												
1	TPS-Quetta	Gas	-	-	-	-	-	-	-	-	-	-	-
2	Zorlu	Wind	8,130,020	-	-	-	-	-	-	-	-	-	-
3	PPCEL	Wind	8,716,350	-	-	-	-	-	-	-	-	-	-
4	TGT	Wind	8,229,200	-	-	-	-	-	-	-	-	-	-
5	Foundation	Wind	5,629,630	-	-	-	-	-	-	-	-	-	-
6	Sapphire Wind Power	Wind	2,510,885	-	-	-	-	-	-	-	-	-	-
7	Yonus Energy Ltd.	Wind	3,053,830	-	-	-	-	-	-	-	-	-	-
8	Metro Wind Power	Wind	11,385,490	-	-	-	-	-	-	-	-	-	-
9	Gul Ahmad Wind Power	Wind	3,053,570	-	-	-	-	-	-	-	-	-	-
10	Master Wind Power	Wind	2,586,227	-	-	-	-	-	-	-	-	-	-
11	Tenaga General	Wind	2,198,120	-	-	-	-	-	-	-	-	-	-
12	Tasol Wind	Wind	4,232,910	-	-	-	-	-	-	-	-	-	-
13	Hydrochina Dewood Power (Private) Limited	Wind	2,173,780	-	-	-	-	-	-	-	-	-	-
14	SEDL Wind	Wind	8,312,747	-	-	-	-	-	-	-	-	-	-
15	UEPL Wind	Wind	5,147,492	-	-	-	-	-	-	-	-	-	-
16	Qaid-e-Azam Solar Park	Solar	10,607,510	-	-	-	-	-	-	-	-	-	-
17	Appollo Solar Park	Solar	11,216,990	-	-	-	-	-	-	-	-	-	-
18	Best Green Energy	Solar	11,032,500	-	-	-	-	-	-	-	-	-	-
19	Crest Energy	Solar	11,333,440	-	-	-	-	-	-	-	-	-	-
20	Harappa	Solar	1,564,880	-	-	-	-	-	-	-	-	-	-
21	AJ Solar	Solar	1,157,299	-	-	-	-	-	-	-	-	-	-
22	ASP Wind	Wind	13,516,909	-	-	-	-	-	-	-	-	-	-
23	Jhampir Wind	Wind	2,736,080	-	-	-	-	-	-	-	-	-	-
24	HAWA Wind	Wind	2,734,140	-	-	-	-	-	-	-	-	-	-
25	TGT	Wind	2,651,592	-	-	-	-	-	-	-	-	-	-
26	TGS	Wind	2,627,548	-	-	-	-	-	-	-	-	-	-
27	Tricon Boston-A	Wind	2,545,538	-	-	-	-	-	-	-	-	-	-
28	Tricon Boston-B	Wind	2,556,992	-	-	-	-	-	-	-	-	-	-
29	Tricon Boston-C	Wind	2,638,486	-	-	-	-	-	-	-	-	-	-
30	ZEPHYR Wind	Wind	2,376,399	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy-II Limited	Wind	7,868,390	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	2,589,270	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	2,609,290	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	2,591,290	-	-	-	-	-	-	-	-	-	-
35	Krishi Wind Power (Pvt) Ltd.	Wind	2,634,960	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	2,474,510	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	2,567,120	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-II Ltd.	Wind	2,538,400	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	2,627,570	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmad Electric Limited	Wind	2,575,160	-	-	-	-	-	-	-	-	-	-
41	Atlas Solar Limited	Solar	9,702,000	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	2,498,620	-	-	-	-	-	-	-	-	-	-
43	HASCO Green Energy Limited	Wind	2,567,680	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	3,488,310	-	-	-	-	-	-	-	-	-	-
45	Helios	Solar	1,332,241	-	-	-	-	-	-	-	-	-	-
46	Meridian	Solar	1,415,773	-	-	-	-	-	-	-	-	-	-
47	HNDS	Solar	2,453,524	-	-	-	-	-	-	-	-	-	-
Sub-Total			212,181,432	-	-	-	-	-	-	-	-	-	-
G-Total:			7,662,677,929	78,296,241,910	3,323,456,696	81,819,898,606	5,410,851,075	1,686,580,065	7,007,441,140	-	83,707,092,986	5,010,046,761	88,717,139,746



8/10

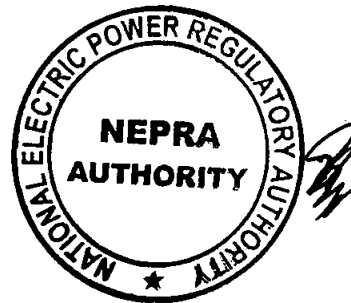
Mathi
7

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

S.No.	Power Producers	Fuel	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.)
Summary													
1	Hydel		1,859,014,006	-	251,373,878	251,373,878	-	185,096,871	185,096,871	-	-	446,470,749	446,470,749
2	Coal- Local		1,309,554,100	16,147,707,791	1,148,941,788	17,294,649,579	(640,746,472)	538,382,891	(102,363,582)	-	15,506,961,318	1,685,324,679	17,192,285,997
3	Coal- Imported		383,628,100	8,618,558,823	145,486,236	6,764,045,059	719,880,971	308,935,840	1,028,616,811	-	7,338,238,794	454,422,076	7,792,661,870
4	HSD		6,310,251	265,875,187	6,357,578	272,332,764	-	-	-	-	265,875,187	6,357,578	272,332,764
5	P.O.		188,218,580	6,484,817,335	363,313,785	6,848,131,120	21,972,689	466,143,863	488,116,552	-	6,506,790,003	829,457,648	7,336,247,651
6	Gas		825,915,892	12,061,257,859	728,496,856	12,789,754,714	2,385,315,383	163,376,754	2,548,692,137	-	14,448,573,241	889,873,610	15,338,446,851
7	RLNG		1,287,889,585	33,250,448,733	537,970,008	33,788,418,741	(838,007,418)	(108,725)	(946,732,143)	-	32,812,441,314	537,861,283	33,350,302,597
7	Nuclear		1,464,428,000	1,927,535,387	-	1,927,535,387	(8,717,334)	-	(8,717,334)	-	1,918,818,053	-	1,918,818,053
8	Import from Iran		28,203,881	934,319,846	-	934,319,846	3,571,353,278	-	3,571,353,278	-	4,505,673,124	-	4,505,673,124
9	Wind Power		150,365,475	-	-	-	-	-	-	-	-	-	-
10	Solar		61,815,957	-	-	-	-	-	-	-	-	-	-
11	Bagsasse		101,237,122	805,620,951	145,516,857	751,137,518	(0)	14,762,571	14,762,571	-	805,620,951	180,279,138	765,900,089
Totals For The month			7,826,677,929	75,286,241,810	3,323,456,896	81,819,896,008	5,410,851,075	1,888,590,065	7,097,441,140	-	83,707,092,986	5,010,046,761	88,717,139,746
Prev. Adjustments :			81,525,848	5,410,851,075	1,688,590,065	7,097,441,140	-	-	-	-	-	-	-
GRAND TOTALS :			7,706,204,777	83,707,092,986	5,010,046,761	88,717,139,746	-	-	-	-	-	-	-

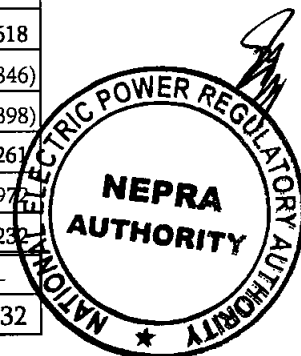
Energy Cost (Rs.)	83,707,092,986	5,010,046,761	88,717,139,746
Cost not chargeable to DISCOs (Rs.)	1,939,994,241	-	1,939,994,241
EPP (Chargeable) (Rs.)	81,767,098,745	5,010,046,761	86,777,145,505
Energy Sold (KWh)	7,418,185,326	7,418,185,326	7,418,185,326
Avg. Rate (Rs./KWh)	11.0225	6.6754	11.6979

Reference Rate (Rs./KWh)	5.4031
FCA Rate Current month (Rs./KWh)	5.6194



				Annex-II
Source Wise Generation				
Sources	December 2023			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	1,730.85	20.25%	1,859.01	24.06%
Coal - Local	1,683.44	19.69%	1,309.55	16.95%
Coal - Imported	723.79	8.47%	383.63	4.97%
HSD	-	0.00%	6.31	0.08%
RFO	225.02	2.63%	168.22	2.18%
Gas	1,076.19	12.59%	825.91	10.69%
RLNG	-	0.00%	1,267.99	16.41%
Nuclear	2,406.57	28.15%	1,464.43	18.95%
Import Iran	0.52	0.01%	28.20	0.37%
Mixed	7.88	0.09%	-	0.00%
Wind	307.89	3.60%	150.37	1.95%
Baggasse	192.71	2.25%	101.24	1.31%
Solar	193.06	2.26%	61.82	0.80%
Prev. Adj. in NEO			99.35	
Total	8,547.92	100.0%	7,726.03	98.7%
Sale to IPPs	-	0.00%	(36.71)	-0.48%
Transmission Losses	(274.51)	-3.21%	(269.416)	-3.487%
Net Delivered	8,273.41	96.8%	7,419.89	96.04%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	December 2023			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal - Local	15,997.68	9.5030	16,069.31	12.2708
Coal - Imported	10,953.65	15.1337	6,618.56	17.2525
HSD	-	-	265.98	42.1497
RFO	5,510.03	24.4869	6,484.82	38.5499
Gas	8,562.97	7.9568	11,581.18	14.0223
RLNG	-	-	33,250.45	26.2230
Nuclear	2,512.31	1.0439	1,927.54	1.3162
Import Iran	12.86	24.7285	934.32	33.1274
Mixed	-	-	-	-
Wind	-	-	-	-
Baggasse	1,152.83	5.9822	605.62	5.9822
Solar	-	-	-	-
Total	44,702.33	5.2296	77,737.77	10.0618
Arrears/ Previous Adjustments	-	-	(1,426.47)	(0.1846)
Sale to IPPs	-	-	(1,939.99)	(52.8398)
Grand Total	44,702.33	5.2296	74,371.30	9.6261
Transmission Losses	-	0.1735	-	0.3972
Total	44,702.33	5.4031	74,371.30	10.0232
EMO Deductions			-	-
Net Total	44,702	5.4031	74,371	10.0232



10/10

Katu 9

National Electric Power Regulatory Authority



NOTIFICATION


Islamabad, the 2nd day of February, 2024

S.R.O. 58 (I)/2024: – 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 (Act No. XVIII of 2011), amended subsequently through Act No. XIV of 2021, 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 2023 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual National Avg. Uniform Fuel Charge Component for December 2023 for XWDISCOs Consumers	Rs.9.9702/kWh
Corresponding Reference Fuel Charge Component	Rs.5.4031/kWh
National Avg. Uniform Fuel Price Variation for the month of December 2023 - Increase for XWDISCOs Consumers	Rs.4.5671/kWh

2. The above adjustment of Rs.4.5671/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers. 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 2023. XWDISCOs shall reflect the fuel charges adjustment in respect of December 2023 in the billing month of February 2024.

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 *ANAN*