



Registrar

# National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/ADG(Tariff)TRF-100/MFPA/ 8393-8409

June 06, 2024

1. Chief Executive Officer, Faisalabad Electric Supply Company Ltd. (FESCO), Abdullahpur, Canal Bank Road Faisalabad	2. Chief Executive Officer, Gujranwala Electric Power Company Ltd. (GEPCO), 565/A, Model Town, G.T. Road, Gujranwala
3. Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. (HESCO), WAPDA Offices Complex, Hussainabad, Hyderabad	4. Chief Executive Officer Islamabad Electric Supply Co. Ltd. (IESCO), Street # 40, Sector G-7/4, Islamabad.
5. Chief Executive Officer, Lahore Electric Supply Company Ltd. (LESCO), 22-A, Queens Road, Lahore	6. Chief Executive Officer, Multan Electric Power Company Ltd. (MEPCO), MEPCO Headquarter, Khanewal Road, Multan
7. Chief Executive Officer, Peshawar Electric Supply Company Ltd. (PESCO), WAPDA House, Shami Road, Sakhi Chashma, Peshawar	8. Chief Executive Officer, Quetta Electric Supply Company Ltd. (QESCO), Zarghoon Road, Quetta
9. Chief Executive Officer, Sukkur Electric Power Company Ltd. (SEPCO), Administration Block, Thermal Power Station, Old Sukkur	10. Chief Executive Officer, Tribal Areas Electricity Supply Company Ltd. (TESCO), Room No. 213, 1 <sup>st</sup> Floor, WAPDA House, Shami Road, Sakhi Chashma, Peshawar

Subject: **Decision of the Authority in the matter of Fuel Charges Adjustment for the month of April 2024 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith a copy of the Decision of the Authority (total 11 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of **April 2024** and its Notification i.e. S.R.O.809 (I)/2024 dated June 06, 2024.

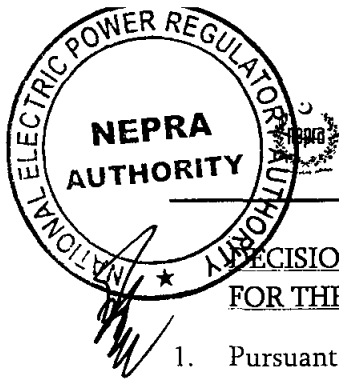
2. XWDISCOs are directed that while charging the fuel charges adjustment from their consumers, the Order of the Honorable Court(s), if any, be kept in mind and ensure compliance with the Order(s) of the Court(s), whatsoever, in this regard. In case of non-compliance of Court(s) Order the concerned DISCO shall be held responsible for violating/defying the orders of the Honorable Court(s).

Enclosure: [Decision along with Notification is  
also available on NEPRA's website]

(Engr. Mazhar Iqbal Ranjha)

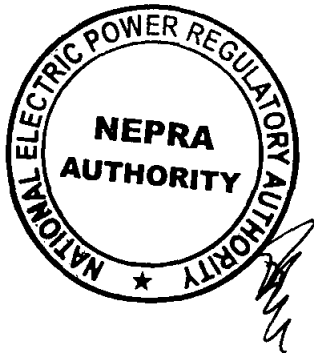
CC:

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 APRIL 2024 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 April 2024, a request was filed by CPPA-G vide letter dated May 15, 2023.
3. The Authority has reviewed the request and information provided by CPPA-G seeking a monthly fuel cost adjustment (FCA) and has conducted due diligence accordingly. Upon reviewing the provided information, the actual pool fuel cost for April 2024, as claimed by CPPA-G, is Rs. 8.9801/kWh, compared to the reference fuel cost component of Rs. 5.4918/kWh as indicated in Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for FY 2023-24. The actual fuel charges for April 2024, as claimed by CPPA-G, have increased by Rs. 3.4883/kWh (**Annex-I**) compared to the reference fuel charges.
4. Notwithstanding the fact that the monthly adjustment on account of fuel charges variation is made pursuant to 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 on 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 May 21, 2024 and also uploaded on NEPRA's official website for information of all concerned stakeholders.
5. The Authority conducted the hearing on the matter on May 30, 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 scheduled hearing date, representatives of CPPA-G, CEOs of all DISCOs, MD NTDC along-with its SO/NPCC team, general public and Media were present. In addition, JS Ministry of Energy (MoE), Power Division (PD) also attended the hearing. However, there was no representation from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL) or Ministry of Finance, despite being served notice of the hearing.
7. CEO CPPA-G presented the case before the Authority and submitted that there was lower generation from Hydro and Local Coal as compared to the generation assumed in reference tariff. It further submitted that there was not much variation in actual fuel prices vis a vis reference values, however, certain fuels like RLNG were utilized in higher quantity as compared to the reference values, because of system requirements and contractual obligations. CEO CPPA-G further submitted the following are the plant utilization factors for coal based power plants for the month of April 2024;



Power Producer	Energy KWh	Fuel Bill	FCC Rs/kWh	Plant Factor
China Power Hub Generation company	-	-	-	0%
Huaneng Shandong Ruyi Energy	21,162,400	483,359,797	22.84	2%
Port Qasim Electric Power Company	-	-	-	0%
Lucky Electric Power Company	-	-	-	0%
<b>Coal- Imported</b>	<b>21,162,400</b>	<b>483,359,797</b>	<b>22.84</b>	<b>1%</b>
Engro Powergen Thar (Pvt) Limited	285,731,900	3,709,417,519	12.98	66%
Thar Energy Limited	144,309,000	1,860,288,887	12.89	67%
Thar Coal Block-1 Power Generation	298,519,900	6,477,679,346	21.70	34%
ThalNova Power Thar (Pvt.) Ltd	152,010,100	1,890,632,594	12.44	70%
<b>Coal- Local</b>	<b>880,570,900</b>	<b>13,938,018,346</b>	<b>15.83</b>	<b>50%</b>

8. Upon inquiry from the Authority for operating RLNG plants, CPPA-G submitted that orders for procurement of RLNG was already placed due to the anticipated increase in demand in April, and in case of non-utilization of the ordered quantity, power sector would have to bear the financial burden.
9. On the issue of low utilization of Thar coal power plants, it was apprised by CPPA-G, that overall utilization of these plants remained around 50% during April 2024, keeping in view the system stability and demand pattern. Regarding curtailment of Thar based plants, NTDC responded that due to weather conditions, the demand remained low. The Authority directed NPCC to also include impact of solar generation through Distributed Generation, as part of its monthly FCA presentation. CFO NTDC also requested the Authority to release the amount of NTDC withheld by the Authority on account of deviation from EMO, as NTDC is facing serious difficulties in managing its operations.
10. In response to the query raised by Mr. Muhammad Arif regarding financial impact of high use of RLNG, CPPA-G apprised that the same is around Rs.32 billion. NTDC/ NPCC also apprised that Guddu-747 has a dedicated gas well and not supplied with the pipeline quality gas.
11. Mr. Muhammad Wasim, a commentator, inquired the peak demand and supply in the current month under discussion. NTDC responded that the current peak is 21,600 MW.
12. Upon inquiry from different media representatives regarding any report about shutdown of Neelum-Jhelum Power Plant, and high fuel cost component of local coal, CPPA-G responded that no report for Neelum-Jhelum has been submitted. Further, Thar coal based power plants are operated through dedicated coal mines, having fixed costs, therefore, fuel cost component of these power plants increases, when despatch from these plants is low and vice versa. The Authority directed CPPA-G to present this mechanism in detail in the subsequent FCA hearing.
13. Mr. Qaiser Amir, a representative of Frontier Foundry Steel, submitted that the timelines of NEPRA Act with regards to FCA should be adhered. Mr. Faisal Zaffar, a representative of Flying Cement, also submitted that timelines should be adhered to and that only the costs associated with the fuel of power plants should be adjusted in the instant FCA. He also requested certain documents. The Authority instructed him to file a formal application for the relevant documents and follow the proper legal procedure. To date, no such request has been submitted to the NEPRA office.
14. Regarding the timely application of monthly FCAs, the Authority noted that the issue has already been decided by the Honorable Supreme Court of Pakistan in its judgment dated

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02.05.2018. The Court upheld the contention that the timelines specified for the determination of fuel cost adjustment are directory and not mandatory. The operative part of the decision is reproduced below for ready reference:

*“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;...”*

15. Furthermore, the Authority observed that the learned Appellate Tribunal NEPRA, in its judgment dated 13.02.2024, held that the provisions of Section 31(7)(ii) and (iv), which prescribe the time frame for deciding QTA and FPA, are directory rather than mandatory. This decision was subsequently challenged before the Honorable Islamabad High Court, where it is currently reserved for judgment.

16. 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.

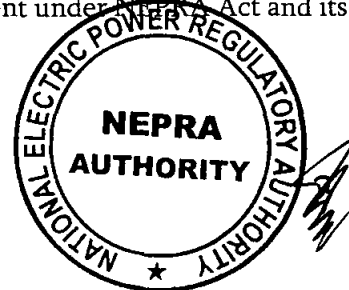
**b) 1994 Power Policy Plants (HUBCO Inclusive)**

- 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.

**c) Power Plants Operations**

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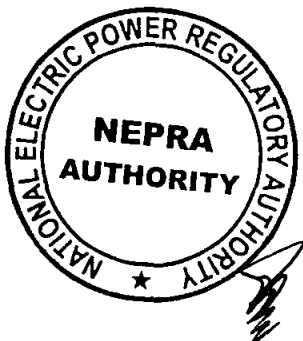


- i. It is certified that Merit Order was followed as defined under section 2(I)(x) of the NEPRA Licensing (Generation) Rules, 2000, while operating power plants in its fleet during month of April 2024.
  - ii. Partial Loading of power plants strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load as per system load demand variations and for fuel conversation where needed.
17. 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 be adjusted in the subsequent monthly fuel charges adjustment.
18. The Authority, observed that CPPA-G has purchased energy of 37.094 Gwh from Tavanir Iran in April 2024 at a cost of Rs.1,018 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.
19. Regarding the current month cost of April 2024, the fuel cost of the following power plants have been adjusted downwards as per the Authority's latest approved FCC rates, as detailed below;

Plants	Energy (kWh)	Fuel Cost Claimed by CPPA-G - Rs.	Fuel Cost as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Saif Power	4,230,309	123,388,910	116,372,888	(7,016,022)
Huaneng Shandong Ruyi Energy (	21,162,400	483,359,797	354,995,028	(128,364,770)
Total	25,392,709	606,748,707	471,367,915	(135,380,791)

20. CPPA-G also requested net negative amount of Rs.3,063.91 million as previous adjustments. The same has been allowed as tabulated below:

Plant	Claimed by CPPA-G	Allowed
	Fuel Charges PKR	Fuel Charges PKR
Quaid-e-Azam Thermal Power (Pvt) Limited	(124,446,520)	(124,446,520)
Engro Powergen Qadirpur Limited	(5,716,707)	(5,716,707)
Uch-II Power (Pvt.) Limited	(859,382)	(859,382)
Haveli Bahadur Shah	(290,143,235)	(290,143,235)
Huaneng Shandong Ruyi Energy (Pvt) Ltd	409,939,139	409,939,139
Baloki	(241,706,948)	(241,706,948)
Thar Energy Limited	32,627,777	32,627,777
Uch Power Ltd.	(6,187)	(6,187)
Chashma Nuclear-III	60,325,690	60,325,690
Karachi Nuclear Power Plant-Unit-2	(3,551,096)	(3,551,096)
Karachi Nuclear Power Plant-Unit-3	353,216,706	353,216,706
Tavanir Iran	6,811,615	6,811,615
Total	196,490,853	196,490,852

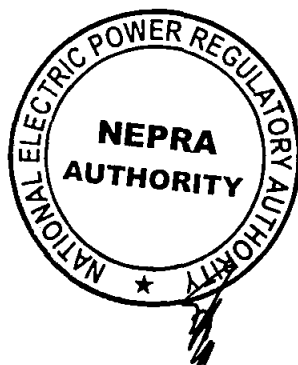


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Sr. No	Name of IPP	Month of provisional claim	CPPA-G Claim	NEPRA Allowed
1	Balloki	01-15 Jan-24	(211,346,202)	(211,346,203)
2	Balloki	16-31 Jan-24	(157,645,943)	(157,645,943)
3	HBS	01-15 Jan-24	(116,213,250)	(116,213,250)
4	HBS	16-31 Jan-24	(115,658,577)	(115,658,577)
5	Quaid-e-Azam Thermal Power (Pvt) Limited	01-15 Jan-24	(194,859,071)	(194,859,071)
6	Quaid-e-Azam Thermal Power (Pvt) Limited (HSD)	01-15 Jan-24	(159,309,338)	(159,309,338)
7	ThalNova Power Thar (Pvt.) Ltd	Jan-24	(45,193,934)	(45,193,934)
8	Quaid-e-Azam Thermal Power (Pvt) Limited	16-31 Jan-24	(112,128,919)	(112,128,919)
9	C-3	Jan-24	73,464,609	73,464,609
10	Thar Energy Limited	Jan-24	(45,928,091)	(45,928,091)
11	C-3	Dec-23	73,265,922	73,265,922
12	Thar Energy Limited	Dec-23	(23,488,058)	(23,488,058)
13	C-3	Nov-23	70,090,376	70,090,376
14	C-3	Oct-23	72,972,891	72,972,891
15	C-3	Sep-23	70,255,011	70,255,011
16	C-3	Aug-23	31,191,890	31,191,890
17	Punjab Thermal Power Private Limited	01-15 Oct-23	76,506,032	76,506,032
18	Attock Gen Limited		(343,389,845)	(343,389,845)
19	Liberty Daharki Power Limited		(2,182,271,504)	(2,182,271,504)
20	Nishat Chunian Power Limited		(14,577,502)	(14,577,502)
21	Nishat Power Limited		(14,558,483)	(14,558,483)
22	Orient Power Company (Private) Limited	Jan-21	4,889,128	4,889,128
23	Halmore Power Generation Company Limited	May-21	3,535,653	3,535,653
Total			(3,260,397,204)	(3,260,397,204)



21. NTDC, reported provisional T&T losses of 211.485 GWh i.e. 2.303%, based on energy delivered on NTDC system during April 2024. NTDC in addition also reported T&T losses of 23.033 GWh i.e. 2.750%, for PMLTC (HVDC) line. NTDC is allowed T&T losses of 2.639% only at 500KV and 220 KV network. For PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
22. Accordingly, for the month of April 2024, T&T losses of 234.52 GWh have been verified for NTDC system only at 500 kV and 220 kV network and PMLTC (HVDC), keeping in view the aforementioned allowed limits of the Authority, as has been included in the instant monthly FCA working.
23. In view of the above discussion, the Authority has calculated the fuel cost for the month of April 2024, after accounting for the aforementioned adjustments, and including costs arising 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 (**Annex-II**).
24. 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.
25. CPPA-G in its request has also included 100 GWh for the Net Metering units procured during April 2024 based on information provided by PITC.
26. As per data provided by CPPA-G, during April 2024, 25.52 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.

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27. It is pertinent to mention here 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 April 2024 has been accounted for based on the reference Fuel cost component as approved by the Authority in the respective PAR of such SPP/CPPs.
28. 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 applicable in light NEPRA Act, NE Policy and Plan, 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	8,376	710	1.51	7,664
Fuel Cost allocated from Pool	Rs. Mln	75,069	6,365	13	68,690
Actual Fuel Cost component (FCC) of CPPA-G Pool	Rs./kWh	8.9623	8.9623	8.9623	8.9623

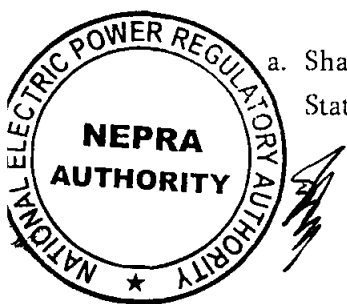
Description	Unit	FESCO	GEPCo	HESCO	SEPCO	IESCO	LESCO	MEPCO	PESCO	TESCO	QESCO	National Avg. Uniform
Energy Procured from CPPA-G Pool	GWh	1,063	777	427	297	696	1,686	1,408	832	100	379	7,664
Energy Procured from Net Metering	GWh	9	10	0	0	24	32	19	5	0	0	100.00
Energy Procured from SPPs	GWh	2.60	5.50	16.77			0.65					25.52
Total Energy	GWh	1,072	789	433	314	720	1,718	1,428	838	100	379	7,790
Fuel Cost allocated from Pool	Rs. Mln	9,527	6,963	3,823	2,663	6,235	15,108	12,622	7,459	893	3,397	68,690
Fuel Cost for Energy Procured through bilateral contracts	Rs. Mln	-	-	11.5	35.2			-				47
Total Fuel Cost	Rs. Mln	9,527	6,963	3,835	2,698	6,235	15,108	12,622	7,459	893	3,397	68,737
Actual Fuel Cost component (FCC)	Rs./kWh	8.8907	8.8232	8.8647	8.5896	8.6630	8.7928	8.8386	8.9039	8.9623	8.9616	8.8239
Reference Fuel Cost component (FCC)	Rs./kWh	5.4918	5.4918	5.4918	5.4918	5.4918	5.4918	5.4918	5.4918	5.4918	5.4918	5.4918
Fuel Charge Variation	Rs./kWh	3.3989	3.3314	3.3729	3.0978	3.1712	3.3011	3.3469	3.4122	3.4705	3.4698	3.3321

29. 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.
30. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a National Average Uniform increase of Rs.3.3321/kWh in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of April 2024 as under;

Actual National Avg. Uniform Fuel Charge Component for April 2024 for XWDISCOs Consumers	Rs.8.8239/kWh
Corresponding Reference Fuel Charge Component	Rs.5.4918kWh
National Avg. Uniform Fuel Price Variation for the month of April 2024- Increase for XWDISCOs consumers	Rs.3.3321/kWh

31. In view of the aforementioned, the Authority has decided that adjustment as referred above;

- a. Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.



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- b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of April 2024.
- c. XWDISCOs shall reflect the fuel charges adjustment in respect of April 2024 in the billing month of June 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**

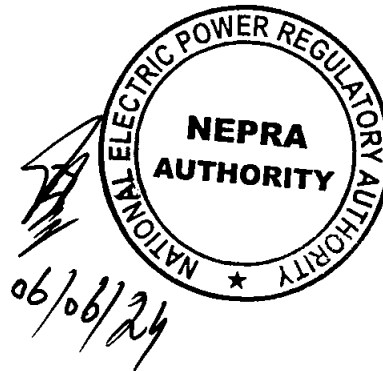
Mathar Niaz Rana (nsc)  
Member

Rafique Ahmed Shaikh  
Member

Engr. Maqsood Anwar Khan  
Member

Amina Ahmed  
Member

Waseem Mukhtar  
Chairman





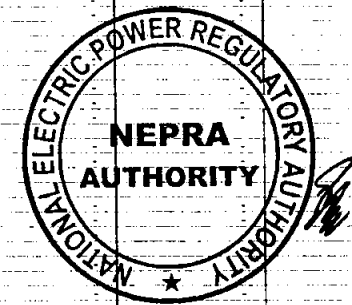
**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**For the Month of April 2024**

S No	Power Producers	Fuel	Capacity (VW)	Energy KWh	Fuel Charges Rs.	VO&N Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&N (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&N Rs.	Total Energy Cost (Rs.)	
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+H	K=I+J	
Hydel	WAPDA	Hydel	8,922	1,051,076,031		111,385,520	111,385,520						111,385,520	111,385,520	
	Jagran	Hydel	32	11,173,807		28,940,160	28,940,160		753,523	753,523			29,693,683	29,693,683	
	Malakand-III SHYDC	Hydel	8*	16,811,610											
	Larab	Hydel	84	26,298,080		12,645,785	12,645,785						12,645,785	12,645,785	
	Star Hydro	Hydel	147	58,617,800		2,016,445	2,016,445						2,016,445	2,016,445	
	Neelum Jhelum	Hydel	959	401,441,800											
	Tarbela Ext. 4	Hydel	1,478												
	Ming Power Limited	Hydel	151	41,881,990		8,129,294	8,129,294		29,780,435	29,780,435			37,909,729	37,909,729	
	Daral Khwar HPP	Hydel	37	20,647,330		170,718,319	170,718,319		(791,007)	(791,007)			169,927,312	169,927,312	
	Karot Power Company (Pvt.) Limited	Hydel	720	442,600,500		180,226,923	180,226,923						180,226,923	180,226,923	
	Ranalla Hydro Power Complex	Hydel	17												
Hydel Total:			10,592	2,070,346,748		514,062,446	514,062,446		29,742,951	29,742,951			543,805,397	543,805,397	
Ex-WAPDA GENCOs	GENCO-I ***														
	Jamshoro Block 1	RFO	182												
	Unit 1	Gas	457												
	Jamshoro Block 2														
	Unit-2	RFO													
	Gas														
	Unit-3	RLNG													
	RFO														
	Gas														
	Unit-4	RLNG													
	Gas														
Kotri 3-7	RFO	0													
Jamshoro Block 4	Gas														
Jamshoro Total			649												
J	GENCO-II ***														
	Guddu GC Block 1 (GC)	Gas	390												
	Central Block 2 (CC)	Gas													
	Guddu (CC) Block-2	Gas	530												
	Block 3 (Unit 3&4)	Gas													
	Guddu 747 (CC)	Gas	721	256,664,000	2,790,117,345	282,361,733	3,072,499,078		984,353	984,353		2,790,117,345	283,366,088	3,073,483,431	
	Central Total		1,641	256,664,000	2,790,117,345	282,361,733	3,072,499,078		984,353	984,353		2,790,117,345	283,366,088	3,073,483,431	
	K	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													
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														
Block-3 Unit 5	Gas	355													
Block-3 Unit 5	RLNG														
Block-3 Unit 6	RFO														
Block-3 Unit 6	Gas														
Block-3 Unit 6	RLNG														
Northern Block 4	RLNG	117													
Northern Block 5	RFO	97													
Northern Block 5	Gas	75													
Northern Block 5	RLNG	411	1,751,000	36,289,896	1,069,144	37,359,040						36,289,896	1,069,144	37,359,040	
Nandipur		1,884	1,751,000	36,289,896	1,069,144	37,359,040						36,289,896	1,069,144	37,359,040	
Northern Total:			4,204	258,415,000	2,826,407,241	283,450,877	3,109,858,118		984,353	984,353		2,826,407,241	284,435,230	3,110,842,471	
GENCOs Total:-															
2	Hub Power	RFO	1,208												
	Kohinoor Energy	RFO	124												
	AES Lalpir	RFO	350												
	Pak Gen Power Limited	RFO	350												
	Habibullah	Gas	129												
	Fauji Kabirwala	Gas	151												
	Roush	RLNG	395												
	Saba Power	RFO	126												
	Uch	Gas	549	368,197,000	4,727,137,806	274,464,652	5,001,802,458	(8,187)	(7,259)	(13,446)		4,727,131,619	274,457,393	5,001,589,012	
	Alfarn	Gas	27												
	Liberty	Gas	212	76,056,200	2,308,773,790	78,785,719	2,387,559,509	(2,182,271,504)		(2,182,271,504)		126,502,286	78,785,719	205,288,005	
Chashma Nuclear	Nucl.	300	210,108,000	301,420,937		301,420,937					301,420,937		301,420,937		
Chashma Nuclear-II	Nucl.	315	221,978,000	461,488,104		461,488,104					461,488,104		461,488,104		
Chashma Nuclear-III	Nucl.	340	220,283,000	378,992,077		378,992,077	451,566,369		451,566,369		830,558,466		830,558,466		
Chashma Nuclear-IV	Nucl.	340	59,369,000	100,585,149		100,585,149					100,585,149		100,585,149		
Karachi Nuclear Power Plant-Unit-2	Nucl.	1,140	657,285,000	839,818,944		839,818,944	(3,551,096)		(3,551,096)		838,367,848		838,367,848		
Karachi Nuclear Power Plant-Unit-3	Nucl.	1,145	673,845,000	1,051,155,858		1,051,155,858	353,216,708		353,216,708		1,404,372,364		1,404,372,364		
Tavanir Iran	Import	96	37,094,105	1,018,175,333		1,018,175,333	8,811,615		8,811,615		1,024,986,947		1,024,986,947		
Sub-Total:			7,297	2,522,003,305	11,187,627,798	353,250,371	11,540,878,169	(1,374,234,077)	(7,259)	(1,374,241,336)		9,813,393,721	353,243,112	10,166,636,833	
5	Attock-Gen	RFO	156					(343,389,845)		(343,389,845)		(343,389,845)		(343,389,845)	
	Atas Power	RFO	214												
	Nisbat Power	RFO	195					(14,558,483)		(14,558,483)		(14,558,483)		(14,558,483)	
	Foundation Power	Gas	171	97,329,656	848,767,775	117,967,200	966,734,975					848,767,775	117,967,200	966,734,975	
	Orient	RLNG	213	7,598,507	200,675,682	5,595,544	206,271,226	4,889,128	(2)	4,889,126		205,564,810	5,595,542	211,160,352	

NATIONAL ELECTRIC POWER REGULATORY AUTHORITY

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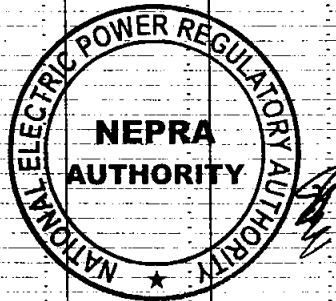


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CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of April 2024

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.)
6	Nishat Chunian	RFO	196	-	-	-	-	(14,577,502)	-	(14,577,502)	-	(14,577,502)	-	(14,577,502)
7	Sarl Power	RLNG	204	4,230,309	123,368,910	5,289,731	128,688,641	-	-	-	-	123,368,910	5,289,731	128,688,641
8	Engro Energy	Gas	213	59,465,191	610,579,193	83,926,215	674,505,408	(5,716,707)	-	(5,716,707)	-	604,862,486	63,926,215	668,788,701
9	Sapphire Power	RLNG	203	6,699,140	184,375,208	8,299,565	192,674,773	-	-	-	-	184,375,208	8,299,565	192,674,773
10	Hubco Narawal	HSD	214	-	-	-	-	-	-	-	-	-	-	-
11	Liberty Power	RFO	196	-	-	-	-	-	-	-	-	-	-	-
12	Hainore	RLNG	199	-	-	-	-	3,535,653	-	3,535,653	-	3,535,653	-	3,535,653
13	Uch-II	Gas	381	119,038,644	1,633,445,418	84,273,646	1,717,719,064	(859,382)	(786)	(860,168)	-	1,632,586,036	84,272,860	1,716,858,896
14	JDW-II	Bagasse	26	17,399,800	104,089,084	24,178,762	128,267,846	-	-	-	-	104,089,084	24,178,762	128,267,846
15	JDW-II	Bagasse	26	17,318,820	103,604,845	24,066,232	127,670,877	-	-	-	-	103,604,845	24,066,232	127,670,877
16	RVK	Bagasse	24	9,307,700	55,680,523	12,933,880	68,614,503	-	-	-	-	55,680,523	12,933,880	68,614,503
17	Chinot Power	Bagasse	62	20	120	28	147	-	-	-	-	120	28	147
19	Hamza Sugar Mills	Bagasse	15	8,891,320	53,189,655	12,355,378	65,545,033	-	-	-	-	53,189,655	12,355,378	65,545,033
20	Almori Industries Limited	Bagasse	36	1,343,584	8,037,588	1,867,044	8,904,633	-	-	-	-	8,037,588	1,867,044	9,904,633
21	Chanaar Energy Limited	Bagasse	22	-	-	-	-	-	-	-	-	-	-	-
22	China Hub Power (Pvt.) Ltd	Coal-Imported	1,220	-	-	-	-	-	-	-	-	-	-	-
23	Engro PowerGen Trar Tps	Coal-Local	660	285,731,900	3,709,417,519	225,928,213	3,935,345,733	-	-	-	-	3,709,417,519	225,928,213	3,935,345,733
24	Layyah Sugar Mills	Bagasse	41	1,588,300	9,501,528	2,207,102	11,708,630	-	-	-	-	9,501,528	2,207,102	11,708,630
25	QATPL	RLNG	1,180	610,817,200	13,785,164,137	210,243,280	13,995,407,417	(590,743,848)	(4,279,401)	(595,023,249)	-	13,194,420,289	205,963,879	13,400,384,168
26	Haveli Bahadur Shah	RLNG	1,230	733,108,082	15,723,675,922	288,399,720	16,012,075,642	(522,015,062)	-	(522,015,062)	-	15,201,660,860	288,399,720	15,490,060,580
27	Huanang Shandong Ruyi Energy (Pvt) Ltd	Coal-Imported	1,320	21,182,400	483,359,797	8,041,712	491,401,509	409,939,139	(28,398)	409,912,742	-	893,298,936	8,015,314	901,314,251
28	Blaki	RLNG	1,320	637,744,100	14,121,881,047	279,886,180	14,401,767,227	(610,699,093)	-	(610,699,093)	-	13,511,181,954	279,886,180	13,791,068,134
31	Port Qasim	Coal-Imported	1,320	-	-	-	-	-	-	-	-	-	-	-
32	Lucky Electric Power Company Limited	Coal-Imported	660	-	-	-	-	0	2,113,022	2,113,022	-	0	2,113,022	2,113,022
33	Punjab Thermal Power Private Limited	RLNG	1,320	155,223,000	3,554,261,892	152,273,567	3,706,535,429	76,508,932	211,017	76,717,949	-	3,630,767,894	152,484,584	3,783,252,478
34	Thar Energy Limited	Coal-Local	330	144,309,000	1,880,288,887	114,451,488	1,974,740,354	(38,788,371)	108,817,504	73,029,133	-	1,823,500,515	224,268,972	2,047,769,487
35	Thar Coal Block-1 Power Generation Company	Coal-Local	1,320	298,519,900	6,477,679,346	199,202,329	6,676,881,675	150,810,013	150,810,013	150,810,013	-	6,477,679,346	350,112,342	6,827,791,688
36	Thalnova Power Thar (Pvt.) Ltd	Coal-Local	330	152,010,100	1,890,832,594	120,559,210	2,011,391,804	(45,193,934)	89,782,175	44,588,241	-	1,845,438,660	210,321,385	2,055,760,045
Sub-Total:				15,337	3,388,836,678	65,541,695,439	1,961,956,108	(1,689,672,275)	348,507,144	(1,341,165,131)	-	83,852,024,165	2,310,463,251	86,162,487,416
IPP's Total:-				22,834	6,910,839,983	76,729,324,237	2,315,206,479	(79,044,530,715)	348,499,885	(2,715,406,466)	-	73,665,417,886	2,663,706,363	76,329,124,249
4	Others:													
1	TPS-Quetta	Gas	25	-	-	-	-	-	-	-	-	-	-	-
2	Zorlu	Wind	56	7,150,760	-	-	-	-	-	-	-	-	-	-
3	FFGEL	Wind	50	5,102,870	-	-	-	-	-	-	-	-	-	-
4	TGF	Wind	50	6,483,400	-	-	-	-	-	-	-	-	-	-
5	Foundation	Wind	50	9,328,300	-	-	-	-	-	-	-	-	-	-
6	Sapphire Wind Power	Wind	53	4,888,468	-	-	-	-	-	-	-	-	-	-
7	Younus Energy Ltd.	Wind	50	5,840,750	-	-	-	-	-	-	-	-	-	-
8	Metro Wind Power	Wind	50	7,721,130	-	-	-	-	-	-	-	-	-	-
9	Gul Ahmad Wind Power	Wind	50	5,731,080	-	-	-	-	-	-	-	-	-	-
10	Master Wind Power	Wind	50	5,056,091	-	-	-	-	-	-	-	-	-	-
11	Ternage General	Wind	50	7,793,100	-	-	-	-	-	-	-	-	-	-
12	Tsai Wind	Wind	31	4,831,720	-	-	-	-	-	-	-	-	-	-
13	Hydrochina Dawood Power (Private) Limited	Wind	50	7,227,100	-	-	-	-	-	-	-	-	-	-
14	SEDL Wind	Wind	50	7,162,530	-	-	-	-	-	-	-	-	-	-
15	UEPL Wind	Wind	99	12,400,649	-	-	-	-	-	-	-	-	-	-
16	Quid-e-Azam Solar Park	Solar	100	14,888,870	-	-	-	-	-	-	-	-	-	-
17	Appollo Solar Park	Solar	100	15,560,900	-	-	-	-	-	-	-	-	-	-
18	Best Green Energy	Solar	100	15,473,780	-	-	-	-	-	-	-	-	-	-
19	Crest Energy	Solar	100	15,869,530	-	-	-	-	-	-	-	-	-	-
20	Harappa	Solar	16	3,222,320	-	-	-	-	-	-	-	-	-	-
21	AJ Solar	Solar	12	1,864,859	-	-	-	-	-	-	-	-	-	-
22	AEP Wind	Wind	50	11,494,811	-	-	-	-	-	-	-	-	-	-
23	Changri Wind	Wind	50	6,643,790	-	-	-	-	-	-	-	-	-	-
24	HAWA Wind	Wind	50	8,472,070	-	-	-	-	-	-	-	-	-	-
25	TOT	Wind	50	9,184,099	-	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	5,888,716	-	-	-	-	-	-	-	-	-	-
27	Tricon Boston-A	Wind	50	8,850,444	-	-	-	-	-	-	-	-	-	-
28	Tricon Boston-B	Wind	50	8,340,700	-	-	-	-	-	-	-	-	-	-
29	Tricon Boston-C	Wind	50	8,193,265	-	-	-	-	-	-	-	-	-	-
30	ZEPHYR Wind	Wind	50	10,382,594	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy-8 Limited	Wind	50	9,546,550	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	8,373,490	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	7,532,280	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt.) Ltd	Wind	50	8,627,730	-	-	-	-	-	-	-	-	-	-
35	Astoria Wind Power (Pvt) Ltd.	Wind	50	8,492,200	-	-	-	-	-	-	-	-	-	-
36	Polus Wind Energy Ltd.	Wind	50	9,581,720	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	9,229,340	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-Ltd.	Wind	50	8,587,580	-	-	-	-	-	-	-	-	-	-
39	OIN Energy Ltd.	Wind	50	8,215,370	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmad Electric Limited	Wind	50	10,283,580	-	-	-	-	-	-	-	-	-	-
41	Atlas Solar Limited	Solar	100	20,495,700	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	8,466,250	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	9,043,620	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	14,069,980	-	-	-	-	-	-	-	-	-	-
45	Nelson Power Limited	Solar	50	8,586,810	-	-	-	-	-	-	-	-	-	-
46	Meridian Energy Limited	Solar	50	8,730,337	-	-	-	-	-	-	-	-	-	-
47	HNDS Energy Limited	Solar	50	8,473,864	-	-	-	-	-	-	-	-	-	-
Sub-Total				2,843	399,723,097	-	-	-	-	-	-	-	-	-
G-Total:				40,274	8,639,324,828	79,555,731,478	3,112,719,802	(82,668,451,279)	379,227,189	(7,684,679,162)	-	76,491,825,126	3,491,946,990	79,983,772,117



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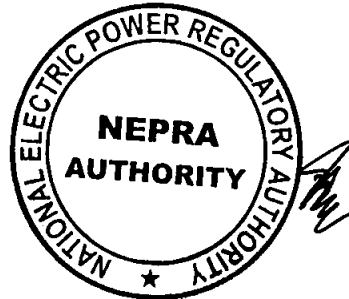
CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of April 2024

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.)
<b>Summary</b>														
1	Hydel			2,070,348,744	-	514,062,446	514,062,446	-	29,742,951	29,742,951	-	-	543,805,397	543,805,397
2	Coal-Local			880,570,900	13,938,018,348	660,141,221	14,598,159,587	(81,982,305)	350,489,691	268,507,386	-	13,856,036,041	1,010,630,912	14,866,666,953
3	Coal-Imported			21,162,400	483,359,797	8,041,712	491,401,509	409,939,139	2,086,625	412,025,764	-	893,298,937	10,128,337	903,427,273
4	HSD			-	-	-	-	-	-	-	-	-	-	-
5	F.O.			5	-	-	-	(372,525,830)	-	(372,525,830)	-	(372,525,830)	-	(372,525,830)
6	Gas			974,750,691	12,918,821,327	901,799,165	13,820,620,492	(2,188,853,760)	976,308	(2,187,877,472)	-	10,729,967,547	902,775,473	11,632,743,020
7	RLNG			2,157,171,338	47,729,712,664	951,066,731	48,680,779,395	(1,638,527,189)	(4,068,386)	(1,642,595,576)	-	48,091,185,474	846,998,345	47,038,183,819
8	Nuclear			2,042,658,000	3,133,540,869	-	3,133,540,869	801,231,999	-	801,231,999	-	3,934,772,868	-	3,934,772,868
9	Import from Iran			37,094,105	1,016,175,333	-	1,016,175,333	6,611,615	-	6,611,615	-	1,024,986,947	-	1,024,986,947
10	Wind Power			286,976,017	-	-	-	-	-	-	-	-	-	-
11	Solar			112,747,080	-	-	-	-	-	-	-	-	-	-
11	Bagasse			55,849,544	334,103,142	77,608,526	411,711,668	-	-	-	-	334,103,142	77,608,526	411,711,668
Totals For The month:				9,639,324,828	79,555,731,478	3,112,719,802	82,668,451,279	(3,063,908,351)	379,227,189	(2,684,679,162)	-	76,491,825,126	3,491,946,990	79,983,772,117
Prev. Adjustments:				(19,638,077)	(3,083,906,351)	379,227,189	(2,684,679,162)	-	-	-	-	-	-	-
GRAND TOTALs:				9,619,686,751	76,491,825,126	3,491,946,990	79,983,772,117	-	-	-	-	-	-	-

Energy Cost (Rs.)	76,491,825,126	3,491,946,990	79,983,772,117
Cost not chargeable to DISCOs (Rs.)	1,287,312,425	-	1,287,312,425
EPP (Chargeable) (Rs.)	75,204,512,701	3,491,946,990	78,696,459,692
Energy Sold (KWh)	8,374,598,765	8,374,598,765	8,374,598,765
Avg. Rate (Rs./KWh)	8.9801	0.4170	9.3970

Reference Rate (Rs./KWh)	5.4918
FCA Rate Current month (Rs./KWh)	3.4683

*Note: 9*



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Source Wise Generation				
Sources	April 2024			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	2,989.30	28.66%	2,070.35	23.96%
Coal - Local	1,688.86	16.19%	880.57	10.19%
Coal - Imported	1,225.87	11.75%	21.16	0.24%
HSD	-	0.00%	-	0.00%
RFO	-	0.00%	0.00	0.00%
Gas	1,282.82	12.30%	974.75	11.28%
RLNG	233.88	2.24%	2,157.17	24.97%
Nuclear	2,146.62	20.58%	2,042.66	23.64%
Import Iran	-	0.00%	37.09	0.43%
Mixed	22.73	0.22%	-	0.00%
Wind	399.57	3.83%	286.98	3.32%
Baggasse	186.55	1.79%	55.85	0.65%
Solar	255.19	2.45%	112.75	1.31%
Total	10,431.39	100.0%	8,639.32	100.0%
Sale to IPPs	-	0.00%	(29)	-0.33%
Transmission Losses	(322.44)	-3.09%	(234.52)	-2.715%
Net Delivered	10,108.95	96.9%	8,376.10	96.95%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	April 2024			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal - Local	15,946.19	9.4420	13,938.02	15.8284
Coal - Imported	19,908.49	16.2403	355.00	16.7748
HSD	-	-	-	-
RFO	-	-	-	-
Gas	10,613.04	8.2732	12,918.82	13.2535
RLNG	5,779.58	24.7118	47,722.70	22.1228
Nuclear	2,152.56	1.0028	3,133.54	1.5341
Import Iran	-	-	1,018.18	27.4484
Mixed	-	-	-	-
Wind	-	-	-	-
Baggasse	1,115.98	5.9822	334.10	5.9822
Solar	-	-	-	-
Total	55,515.84	5.3220	79,420.35	9.1929
Arrears/ Previous Adjustments	-	-	(3,063.91)	(0.3546)
Sale to IPPs	-	-	(1,287.31)	(44.8506)
Grand Total	55,515.84	5.3220	75,069.13	8.6892
Transmission Losses	-	0.1698	-	0.2731
Total	55,515.84	5.4918	75,069.13	8.9623
EMO Deductions	-	-	-	-
Net Total	55,516	5.4918	75,069	8.9623

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Mater

National Electric Power Regulatory Authority



NOTIFICATION


Islamabad, the 6<sup>th</sup> day of June, 2024

**S.R.O. 809 (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 April 2024 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual National Avg. Uniform Fuel Charge Component for April 2024 for XWDISCOs Consumers	Rs.8.8239/kWh
Corresponding Reference Fuel Charge Component	Rs.5.4918/kWh
National Avg. Uniform Fuel Price Variation for the month of April 2024 - Increase for XWDISCOs Consumers	Rs. 3.3321/kWh

2. The above adjustment of Rs.3.3321/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 April 2024. XWDISCOs shall reflect the fuel charges adjustment in respect of April 2024 in the billing month of June 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

