



# National Electric Power Regulatory Authority

## Islamic Republic of Pakistan

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

Registrar

No. NEPRA/R/TRF-100/MFPA/15173-88

August 12, 2022


1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, Hyderabad	4.	Chief Executive Officer Islamabad Electric Supply Co. Ltd. Street # 40, Sector G-7/4, Islamabad.
5.	Chief Executive Officer, Lahore Electric Supply Company Ltd. 22-A, Queens Road, Lahore	6.	Chief Executive Officer Multan Electric Power Co. Ltd. MEPCO Headquarter, Khanewal Road, Multan
7.	Chief Executive Officer, Peshawar Electric Supply Company WAPDA House, Shami Road, Sakhi Chashma, Peshawar	8.	Chief Executive Officer Quetta Electric Supply Company Zarghoon Road, Quetta
9.	Chief Executive Officer, Sukkur Electric Power Company Ltd. Administration Block, Thermal Power Station, Old Sukkur.	10.	Chief Executive Officer Tribal Areas Electricity Supply Company Limited (TESCO) Room No. 213, 1 <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 June 2022 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the Decision of the Authority along with Additional Note of Mr. Rafique Ahmed Shaikh, Member NEPRA (total 11 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of June 2022 and its Notification i.e. S.R.O. 1441(I)/2022 dated 12.08.2022.

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

Enclosure: As above (Decision alongwith Notification is also available on NEPRA's website)

  
120822  
(Syed Safer Hussain)

CC:

1. Secretary, Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad.
2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. 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 JUNE 2022 FOR EX-WAPDA DISCOS**

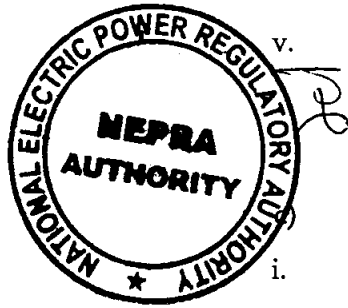
1. Pursuant to the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (NEPRA Act) read with the mechanism/formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs notified in the Official gazette, the Authority has to make adjustments in the approved tariff on account of any variations in the fuel charges on a monthly basis.
2. In order to make adjustments in the approved tariff of the Ex-WAPDA DISCOs due to variations in the fuel charges for the month of June 2022, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
3. The Authority has reviewed the information provided by CPPA-G seeking monthly fuel cost adjustment (FCA) and due diligence is done accordingly. From perusal of the information so provided by CPPA-G, the actual pool fuel cost for the month of June 2022 is Rs.15.8439/kWh, against the reference fuel cost component of Rs.5.9344/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2019-20. The actual fuel charges, as reported by CPPA-G, for the month of June 2022 increased by Rs.9.9095/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 July 21, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on July 28, 2022 (Thursday) at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad through zoom. The date of hearing was mentioned in the advertisement published in newspapers and also uploaded on NEPRA's website, whereby participation in the hearing and filing of comments/ objections from any interested/affected person were invited. Separate notices were also sent to the interested / affected parties.
6. On the date fixed for hearing, representatives from CPPA-G, National Power Control Center (NPCC)/NTDC, Media and General Public were present. However, no representation was made from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL) and Ministry of Finance despite serving the hearing notice.
7. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;
  - a) **2002 Power Policy Plants**
    - i. All purchases have been made from Generation Companies having valid generation License issued by NEPRA.



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- ii. Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
- iii. The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.
- b) **1994 Power Policy Plants**
  - i. All purchases have been made from IPPs under 1994 Policy, including HUBCO, KAPCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
  - ii. Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
  - iii. All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.
  - iv. All purchases have been made in accordance with the Power Purchase Agreement
  - 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 June 2022.
  - ii. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraints but was strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load due to less demand in the system and transmission/distribution network constraints .
8. Accordingly for the purpose of instant FCA, the information along-with certification given by CPPA-G has been relied upon. In case of any variation, error, omission or misstatement found out at a later stage, CPPA-G shall be responsible and the same would adjusted in the subsequent monthly fuel charges adjustment.
  9. The Authority observed that CPPA-G has purchased energy of 51.494 GWh from Tavanir Iran in June 2022 at a cost of Rs.1,007.73 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. The Authority, from the data provided by CPPA-G, observed that fuel cost of power plants have been claimed by CPPA-G as per the Authority's approved rates, accordingly, the same

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has been allowed for the month of June 2022. The same has been allowed by the Authority. 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. Proposed Rs.	Deduction
Attock-Gen	212,470,350	212,470,350	-
Atlas Power	15,066,252	15,066,252	-
Nishat Power	17,094,020	17,094,020	-
Orient	(18,529,669)	(18,529,669)	-
Nishat Chunian	27,330,568	27,330,568	-
Saif Power	(4,871,650)	(4,871,650)	-
Saif Power (HSD)	172,967,553	172,967,553	-
Engro Energy	(28,065,507)	(28,065,507)	-
Sapphire Power	286,283,006	286,283,006	-
Sapphire Power (HSD)	109,089,489	109,089,489	-
Hubco Narowal	246,980,175	246,980,175	-
Liberty Power	24,534,307	24,534,307	-
Halmore	(3,993,576)	(3,993,576)	-
Engro PowerGen Thar TPS	1,450,180	1,450,180	-
QATPL	923,228,248	923,228,248	-
Haveli Bahadur Shah	1,151,908,957	1,151,908,957	-
Huaneng Shandong Ruyi Energy (Pvt) Ltd	(141,397,920)	(141,756,920)	(359,000)
Baloki	1,153,443,905	1,153,443,905	-
Port Qasim	108,562,974	108,562,974	-
Lucky Electric Power Company Limited	1,114,323,265	1,114,323,265	-
Saba Power	(25,057,510)	(25,057,510)	-
Chashma Nuclear-IV	149,062,065	149,062,065	-
Tavanir Iran	2,467,811	2,467,811	-
KAPCO	4,933,899,461	4,933,899,461	-
GENCO-I ***	4,350,926	4,350,926	-
GENCO-II ***	(2,162,899)	(2,162,899)	-
Total	10,430,434,730	10,430,075,780	(359,000)

11. As per the data submitted by CPPA-G, XWDISCOs purchased 9.865 GWh from Captive Power Plants (CPPs) during June 2022, for which CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.46.406 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of June 2022.

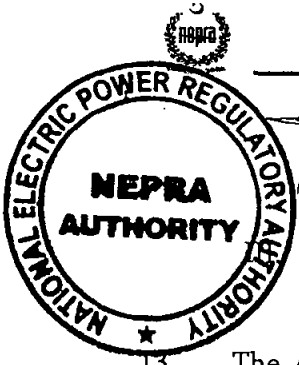
12. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.52,638 million, during the month of June 2022. The Authority has been directing NPCC/NTDC & CPPA-G repeatedly to provide complete justification in this regard, to the satisfaction of the Authority and submit complete details for deviation from Economic Merit Order (EMO), showing hourly generation along-with the financial impact for deviation from EMO, if any, and the reasons, thereof. The Authority also directed CPPA-G/NPCC/NTDC in the previous monthly FCA decisions, as under;

- I. System Operator shall report to CPPA-G, within 24 hours, dispatch of generation plant(s) out of merit order along with reasons thereof. The copy of the report shall be sent to NEPRA simultaneously.
- II. CPPA-G shall scrutinize the above mentioned dispatch report in terms of Scheduling and Dispatch Code (SDC) of Grid Code and prepare a report which shall comprise of;

a. all dispatch deviation from merit order;



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- 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.

13. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of June 2022, 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.
14. NPCC/NTDC during the hearing, explained operation of power plants on RFO, however, the Authority observed that an in-house analysis has also been carried out, to work out the financial impact due to deviation from EMO based on the information submitted by NPCC. As per the in-house analysis/ workings carried out, the net amount deductible, on provisional basis, from the overall claim due to deviation from EMO is Rs. 84.9 million (Rs.73.86 million financial impact due to System constraints and Rs.11.04 million due to underutilization of efficient power plants).
15. Further the Authority has noted that certain RLNG power plants were dispatched out of merit in order to avoid line pack issue in the network of SNGPL. The issue of line pack was discussed during the hearing and NPCC was directed to provide the relevant information in the matter. Based on the information submitted by NPCC, the Authority noted that issue involves Ministry of Energy's Policy, therefore, the matter requires further deliberation. However, for the FCA of June 2022, the Authority has decided to provisionally withheld the financial impact of out of merit generation due to line pack issue amounting to Rs. 26.31 million, and directs CPPA-G/ NPCC to provide the complete information regarding the issue.
16. The Authority has decided to deduct the aforementioned amounts provisionally in the instant FCA, until NPCC/ NTDC and CPPA-G provide the required details along-with complete justification in this regard to the satisfaction of the Authority.
17. Here it is also pertinent to mention that during the hearing of FCA for the month of April 2022, CPPA-G and NPCC agreed to revise the EMO list, posted on their website to exclude the RFO, Gas and RLNG power plants which are not supplying energy to CPPA-G due to lack of availability of fuel. CPPA-G/NPCC is again directed to ensure compliance of the same.
18. Further the Authority also observed that Energy from Attock Gen and Punjab thermal power plant was reported in excess of Joint Meter readings by 59,126 kWh and 7,000 kWh, respectively. Accordingly, the excess energy along-with financial impact has been adjusted while working out monthly FCA of XWDISCOs for June 2022.
19. In view of the above discussion, the Authority has calculated the fuel cost for the month of June 2022, after accounting for the aforementioned adjustments, and including costs arising out due to application of various factors, as provided in the respective PPAs of the Power Producers and claimed by CPPA-G in its FCA request. Here it is pertinent to mention that the amount arising out due to application of PPA factors, for the six RFO based IPPs,

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- incorporated under 2002 Power Policy, is being allowed on provisional basis and shall be subject to adjustment, based on the final outcome of the ongoing *suo moto* proceedings against RFO based IPPs.
20. NTDCL, reported provisional T&T losses of 338.609 GWh i.e. 2.669%, based on energy delivered on NTDCL system during June 2022. NTDC in addition also reported T&T losses of 28.657 GWh i.e. 2.868%, for PMLTC (HVDC) line.
  21. NTDCL is allowed T&T losses of 2.80% only at 500KV and 220 KV network, while PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
  22. Accordingly, for the month of June 2022, T&T losses of 338.609 GWh have been verified for NTDCL system based on units delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 28.657 GWh, being within the Authority's allowed limit have also considered while working out the FCA of June 2022.
  23. The Authority noted that as per the NEPRA (Alternative and Renewable Energy) Distributed Generation and Net Metering Regulations, 2015, the price payable by a Distribution Company for net kWh shall be the national average power purchase price (NAPP) of the Distribution Company as determined by the Authority and notified by the Federal Government. The currently notified NAPP is Rs. 12.95/kWh. The Authority considering the exorbitant increase in the monthly energy purchase price, directs CPPA-G to provide detail of net metering units purchased by all XWDISCOs along-with its subsequent monthly FCA request.
  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. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.9.8972/kWh (**Annex-II**) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of June 2022 as per the following details:

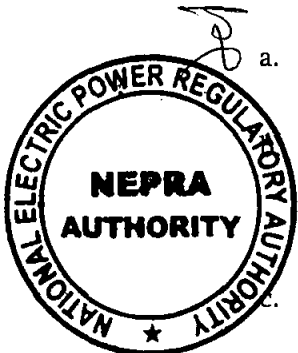
Actual Fuel Charge Component for June 2022	Rs.15.8316/kWh
Corresponding Reference Fuel Charge Component	Rs.5.9344/kWh
Fuel Price Variation for the month of June 2022-Increase	Rs.9.8972/kWh

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

a. Shall be applicable to all the consumer categories except lifeline consumers.

Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of June 2022.

c. XWDISCOs shall reflect the fuel charges adjustment in respect of June 2022 in the billing month of August 2022; and

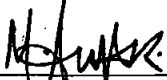


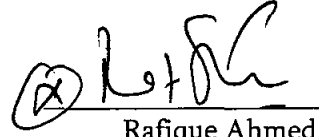
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- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

AUTHORITY

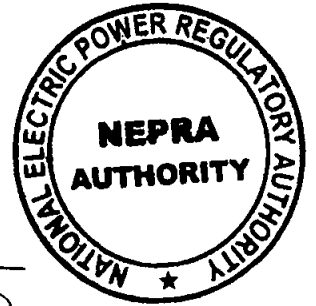
  
Engr. Maqsood Anwar Khan  
Member

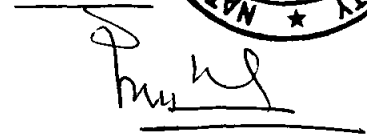
  
Rafique Ahmed Shaikh  
Member

  
Tauseef H. Farooqi  
Chairman

⑧ My additional note is attached.







**Additional Note - Fuel Charges Adjustment of XWDISCOs for the month of June, 2022:**

CPPA-G is in consistent failure to follow the Authority's directions in letter and spirits:

- a. System Operator shall report to CPPA G, within 24 hours, dispatch of generation plant(s) out of merit order along with reason thereof. The copy of report shall be sent to NEPRA simultaneously.
- b. CPPA G shall scrutinize the above mentioned dispatch report in term of Scheduling and Dispatching Code (SDC) of Grid Code and prepare a report which shall comprise of ;
  - All dispatch deviation from merit order;
  - The plant available but not dispatch; and
  - Dispatch deviation justified or unjustified in term of SDC of Grid Code along-with their financial impact.
- c. CPPA G shall share the report with System Operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request."

2. Despite clear direction of the Authority to prepare the merit order on actually available fuel(s), the merit order is still being prepared on old consideration i.e. with indigenous natural (pipe line quality) gas, while this fuel is not available to plants since last 2/3 years. The current merit order list with non-available fuel is nothing but to mislead or confuse the stakeholders.

Therefore, all relevant departments which are responsible to prepare the Merit Order lists shall take immediate action to revise it on the basis of fuel(s) which are available.

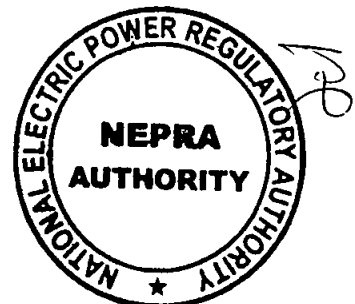
3. The three most efficient RLNG power plants in Pakistan Power Sector are the Quaid-e-Azam Thermal Power Plant (QATPL), two power plants of National Power Parks Management Company Limited at Haveli Bahadur Shah (HBS) and Baloki; efficiency of these power plants is above 61%. The utilization factors of these three most efficient RLNG power plants were; QATPL around (78%), HBS around (91%) and Baloki around (75%) during the month of June 2022. It is noted that the accumulated claim by these power plants against part load operation is Rs 3.026 billion. In the wake of high load demand in the system and ongoing electricity shortfall in the country, the full utilization of these power plants could minimize the load shedding on one hand while on the other hand it could help avoid part load charges of Rs 3.026 billion.

4. As per the data submitted by NPCC, the average RLNG allocated to power sector during the month of June, 2022 was 800 MMCFD against a demand of 845 MMCFD that resulted in indicative financial impact of Rs. 776.94 Million during the aforesaid month. Efforts should have been made to improve the supply chain of RLNG to fully utilize the most efficient RLNG power plants and avoid the part load adjustment charges.

5. Due to system constraints, plants were operated in violation of EMO that resulted in financial impact of 73.86 million during the month of June 2022. Such constraints in transmission system is failure of the relevant entities in performing their core functions.

6. The utilization factor of power plants at Central Power Generation Company Limited (CPGCL), including the newly commissioned Guddu 747 machine, remained very low despite availability of dedicated cheaper Gas. Forced outage of unit 14 (373 MW) of Guddu 747 and Guddu old units (6, 12 & 13) resulted in financial losses due to operation of costlier power plants.

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

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOAM Charges Rs.	EPF Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in EPP Total (Rs.)	Supp. Charges	Total Fuel Cost Rs.	Total VOAM Rs.	Total Energy Cost (Rs.)	
				A	B	C	D-E-B-C	E	F	G=H+I	H	J=K+L	M=O+P	N=Q+R	
1	WAPDA	Hydel	5.92	2,21,834.18		189,796.145								189,796.145	
	Jagan	Hydel	18	13,803.132		35,983.212								35,983.212	
	Pehur	Hydel	61	47,129.100		14,922.938								14,922.938	
	Makandahis SHRO	Hydel	84	35,085.500		10,870.801								10,870.801	
	Larrib	Hydel	147	2,173.600		14,409.131								14,409.131	
	Star Hydro	Hydel	6	1,747.072											
	Head Mazilil	Hydel	669	618,119.200											
	Messium Jhelum	Hydel	1,478	19,495.210		3,725.790								3,725.790	
	Terbala E&L	Hydel	101	19,000.500											
	Mirra Power Limited	Hydel	37	268,284.200											
	Darsi Kharar	Hydel	720	5,285.970											
	Kareel Hydro Power	Hydel	17												
	Ranollia Hydro Power Complex	Hydel	10.582	3,381,211.902		289,707.015								289,707.015	
	WAPDA Total						289,707.015								289,707.015
	2	GENCO-I ***	RFO	182	30,765,000		2,948,040								2,948,040
		Jamshoro Block 1	Gas	467	[24,988]		[11,489,542]								[11,489,542]
		Jamshoro Block 2	Gas	[235,001]	[21,738]										[21,738]
		Jamshoro Block 4	Gas	0	15,844,999		728,883,559								728,883,559
Central Block 1 (CO)		Gas	649	46,143,000		2,040,480,916								2,040,480,916	
Central Block 2 (CO)		Gas	390	60,897,178		2,397,838,015								2,397,838,015	
Central Block 3 (CO)		Gas	530	241,041,883		1,858,465,381								1,858,465,381	
Central Block 4 (CO)		Gas	721	244,200,000		1,617,284,160								1,617,284,160	
Central Total			1,841	645,239,071		4,015,225,725								4,015,225,725	
Northern Block 1		Gas	72,540,179	72,540,179		14,013,186								14,013,186	
Northern Block 2		RFO	666	23,251,161		4,715,893								4,715,893	
Northern Block 3		RFO	50,803,968	50,803,968		10,180,793								10,180,793	
Northern Block 4		RFO	272	(108,108)		(4,808,742)								(4,808,742)	
Northern Block 5		RFO	355	(179,540)		(6,503,566)								(6,503,566)	
Northern Block 6		RFO	117	(179,540)		(6,736,183)								(6,736,183)	
Northern Block 7		RFO	97												
Northern Block 8		RFO	76												
Northern Total			1,884	280,302,000		6,484,725,207								6,484,725,207	
GENCO-IV	Coal	31	362,942,179		11,720,657,280									11,720,657,280	
Lahra	Coal	31	844,424,250		17,778,354,871									17,778,354,871	
GENCO Total		4,204	1,488,884,177		41,081,081									41,081,081	
3	KAPCO Total		659,782,000		19,897,304,293									19,897,304,293	
	HAS Power	RFO	1,208	129,073,500		4,889,849,702								4,889,849,702	
	Kohistan Energy	RFO	124	44,949,000		1,571,428,430								1,571,428,430	
	AES Lalpur	RFO	351	145,159,000		5,643,689,744								5,643,689,744	
	PAK Gen Power Limited	RFO	351	157,051,900		6,113,811,810								6,113,811,810	
	KAPCO Total		1,334	476,223,400		18,628,768,626								18,628,768,626	
	Hot Addn Block 1	RFO	325	148,884,177		4,796,256,564								4,796,256,564	
	Hot Addn Block 2	RFO	762	146,234,427		5,127,425,202								5,127,425,202	
	Hot Addn Block 3	RFO	249	22,327,284		765,135,488								765,135,488	
	Hot Addn Block 4	RFO	1,338	659,782,000		19,897,304,293								19,897,304,293	
	Hot Addn Block 5	RFO	124	44,949,000		1,571,428,430								1,571,428,430	
	Hot Addn Block 6	RFO	351	145,159,000		5,643,689,744								5,643,689,744	
	Hot Addn Block 7	RFO	351	157,051,900		6,113,811,810								6,113,811,810	
	Hot Addn Total		1,334	476,223,400		18,628,768,626								18,628,768,626	
	Hot Addn Block 8	RFO	47	1,897,158,015		9,729,158,015								9,729,158,015	
	Hot Addn Block 9	RFO	27,082,734	1,927,814,336		1,927,814,336								1,927,814,336	
	Hot Addn Block 10	RFO	157,816,125	5,127,425,202		5,127,425,202								5,127,425,202	
	Hot Addn Block 11	RFO	107,133,951	7,055,970,703		7,055,970,703								7,055,970,703	
Hot Addn Block 12	RFO	209,837,866	6,484,725,207		6,484,725,207								6,484,725,207		
Hot Addn Block 13	RFO	224,511,652	11,720,657,280		11,720,657,280								11,720,657,280		
Hot Addn Total		4,204	1,488,884,177		41,081,081								41,081,081		
Hot Addn Block 14	RFO	408,753,281	17,778,354,871		17,778,354,871								17,778,354,871		
Hot Addn Block 15	RFO	114,971,981	9,729,158,015		9,729,158,015								9,729,158,015		
Hot Addn Block 16	RFO	27,082,734	1,927,814,336		1,927,814,336								1,927,814,336		
Hot Addn Block 17	RFO	157,816,125	5,127,425,202		5,127,425,202								5,127,425,202		
Hot Addn Block 18	RFO	107,133,951	7,055,970,703		7,055,970,703								7,055,970,703		
Hot Addn Block 19	RFO	209,837,866	6,484,725,207		6,484,725,207								6,484,725,207		
Hot Addn Block 20	RFO	224,511,652	11,720,657,280		11,720,657,280								11,720,657,280		
Hot Addn Total		4,204	1,488,884,177		41,081,081								41,081,081		
Hot Addn Block 21	RFO	427,867,535	24,826,203,754		24,826,203,754								24,826,203,754		
Hot Addn Block 22	RFO	37,157,735	4,995,848,702		4,995,848,702								4,995,848,702		
Hot Addn Block 23	RFO	41,888,152	5,685,157,896		5,685,157,896								5,685,157,896		
Hot Addn Block 24	RFO	44,885,644	6,158,477,254		6,158,477,254								6,158,477,254		
Hot Addn Total		1,334	476,223,400		18,628,768,626								18,628,768,626		
Hot Addn Block 25	RFO	427,867,535	24,826,203,754		24,826,203,754								24,826,203,754		
Hot Addn Block 26	RFO	37,157,735	4,995,848,702		4,995,848,702								4,995,848,702		
Hot Addn Block 27	RFO	41,888,152	5,685,157,896		5,685,157,896								5,685,157,896		
Hot Addn Block 28	RFO	44,885,644	6,158,477,254		6,158,477,254								6,158,477,254		
Hot Addn Total		1,334	476,223,400		18,628,768,626								18,628,768,626		
Hot Addn Block 29	RFO	427,867,535	24,826,203,754		24,826,203,754								24,826,203,754		
Hot Addn Block 30	RFO	37,157,735	4,995,848,702		4,995,848,702								4,995,848,702		
Hot Addn Block 31	RFO	41,888,152	5,685,157,896		5,685,157,896								5,685,157,896		
Hot Addn Block 32	RFO	44,885,644	6,158,477,254		6,158,477,254								6,158,477,254		
Hot Addn Total		1,334	476,223,400		18,628,768,626								18,628,768,626		



Handwritten notes and signatures on the right margin, including the word 'NEPRA' and several illegible signatures.

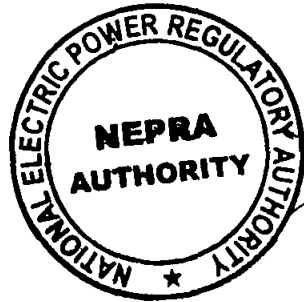


**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**For the Month of June 2022**

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)	
32	Master Green Energy Limited	Wind	50	23,935,820	-	-	-	-	-	-	-	-	-	-	
33	Lucky Renewables (Private) Limited	Wind	50	25,032,120	-	-	-	-	-	-	-	-	-	-	
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	25,581,560	-	-	-	-	-	-	-	-	-	-	
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	24,882,600	-	-	-	-	-	-	-	-	-	-	
36	Indus Wind Energy Ltd.	Wind	50	26,815,760	-	-	-	-	-	-	-	-	-	-	
37	Lakeside Energy Limited	Wind	50	25,298,800	-	-	-	-	-	-	-	-	-	-	
38	Liberty Wind Power-Ltd.	Wind	50	23,598,180	-	-	-	-	-	-	-	-	-	-	
39	DIN Energy Ltd.	Wind	50	24,149,450	-	-	-	-	-	-	-	-	-	-	
40	Gul Ahmed Electric Limited	Wind	50	25,966,230	-	-	-	-	-	-	-	-	-	-	
41	Zhenfa Pakistan New Energy Company Limit.	Solar	50	22,175,000	-	-	-	-	-	-	-	-	-	-	
42	Liberty Wind Power-2 (Pvt) Ltd.	Wind	100	23,848,790	-	-	-	-	-	-	-	-	-	-	
43	NASDA Green Energy Limited	Wind	50	25,496,730	-	-	-	-	-	-	-	-	-	-	
44	Metro Wind Power Limited	Wind	50	33,779,730	-	-	-	-	-	-	-	-	-	-	
45	SPPs	Mixed	257	8,865,250	46,406,333	-	46,406,333	-	-	-	-	46,406,333	-	46,406,333	
<b>G-Total:</b>			<b>2,843</b>	<b>907,730,035</b>	<b>46,406,333</b>	<b>-</b>	<b>46,406,333</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>46,406,333</b>	<b>-</b>	<b>46,406,333</b>	
<b>Sub-Total</b>			<b>39,430</b>	<b>13,876,142,504</b>	<b>204,236,728,857</b>	<b>4,989,856,899</b>	<b>209,226,385,656</b>	<b>10,430,434,730</b>	<b>28,051,132</b>	<b>10,458,485,862</b>	<b>46,403,038</b>	<b>214,713,566,624</b>	<b>5,017,707,831</b>	<b>219,731,274,456</b>	
<b>Summary</b>															
1	Hydel			3,381,211,902	-	289,707,015	289,707,015	-	2,251,946	2,251,946	-	-	271,958,961	271,958,961	
2	Coal			1,883,128,500	39,183,458,994	1,027,828,806	40,211,087,801	1,082,938,499	15,954,481	1,098,892,980	-	40,286,397,494	1,043,583,287	41,309,980,780	
3	HSD			-	-	-	-	282,057,042	-	282,057,042	-	-	-	282,057,042	
4	F.O.			1,454,041,659	52,839,793,353	1,392,034,183	54,031,827,516	5,456,868,497	(2,231,049)	5,454,637,447	-	58,096,461,849	1,389,803,114	59,486,264,963	
5	Gas			1,479,323,279	13,205,102,088	685,743,274	13,870,845,362	(30,226,405)	(725,315)	(30,953,720)	46,403,038	13,221,276,721	685,017,959	13,886,294,680	
6	RLNG			3,390,537,318	96,234,525,276	1,585,233,483	97,799,758,740	3,487,469,221	(1,726,329)	3,485,742,892	-	99,721,994,499	1,583,507,134	101,285,501,633	
6	Nuclear			1,265,866,000	1,423,114,693	-	1,423,114,693	149,082,065	-	149,082,065	-	1,572,176,758	-	1,572,176,758	
7	Import from Iran			51,493,800	1,007,733,666	-	1,007,733,666	2,487,811	-	2,487,811	-	1,010,201,477	-	1,010,201,477	
8	Wind Power			811,593,115	-	-	-	-	-	-	-	-	-	-	
9	Solar			86,271,670	-	-	-	-	-	-	-	-	-	-	
10	Bagasse			83,012,011	496,594,452	69,309,878	565,904,430	(0)	14,527,399	14,527,399	-	496,594,452	83,837,377	580,431,829	
11	Mixed			9,865,250	46,406,333	-	46,406,333	-	-	-	-	46,406,333	-	46,406,333	
<b>Totals For The Month:</b>				<b>13,876,142,504</b>	<b>204,236,728,857</b>	<b>4,989,856,899</b>	<b>209,226,385,656</b>	<b>10,430,434,730</b>	<b>28,051,132</b>	<b>10,458,485,862</b>	<b>46,403,038</b>	<b>214,713,566,624</b>	<b>5,017,707,831</b>	<b>219,731,274,456</b>	
<b>Prev. Adjustments :</b>				<b>(439,086)</b>	<b>10,476,837,768</b>	<b>28,051,132</b>	<b>10,504,888,900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>GRAND TOTALS :</b>				<b>13,875,703,418</b>	<b>214,713,566,624</b>	<b>5,017,707,831</b>	<b>219,731,274,456</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Energy Cost (Rs.)	214,713,566,624	5,017,707,831	219,731,274,456
Cost not chargeable to DISCOs (Rs.)	1,279,780,603	-	1,279,780,603
EPP (Chargeable) (Rs.)	213,433,786,021	5,017,707,831	218,451,493,853
Energy Sold (KWh)	13,471,048,357	13,471,048,357	13,471,048,357
Avg. Rate (Rs./KWh)	15.8439	0.3725	16.2164

Reference Rate (Rs./KWh)	5.9344
FCA Rate (Rs./KWh)	9.9095



*M* *Dr* *Master* *RP*

				Annex-II
Source Wise Generation				
Sources	June 2022			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	3,565.01	26.54%	3,361.21	24.22%
Coal	2,488.57	18.53%	1,883.13	13.57%
HSD	-	0.00%	-	0.00%
RFO	784.60	5.84%	1,453.98	10.48%
Gas	1,791.01	13.34%	1,479.32	10.66%
RLNG	3,613.71	26.91%	3,390.53	24.43%
Nuclear	635.97	4.74%	1,265.67	9.12%
Import Iran	48.79	0.36%	51.49	0.37%
Mixed	11.53	0.09%	9.87	0.07%
Wind	393.14	2.93%	811.59	5.85%
Baggasse	34.55	0.26%	83.01	0.60%
Solar	63.92	0.48%	86.27	0.62%
<b>Total</b>	<b>13,430.82</b>	<b>100.0%</b>	<b>13,876.08</b>	<b>100.0%</b>
Sale to IPPs	(19.10)	-0.14%	(34.38)	-0.25%
Transmission Losses	(322.04)	-2.40%	(367.27)	-2.65%
<b>Net Delivered</b>	<b>13,089.68</b>	<b>97.5%</b>	<b>13,474.42</b>	<b>97.11%</b>

Source Wise Fuel Cost/Energy Purchase Price				
Sources	June 2022			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	18,075.10	7.2632	39,183.46	20.8077
HSD	-	-	-	-
RFO	11,219.86	14.3000	52,637.95	36.2026
Gas	14,874.95	8.3054	13,205.10	8.9264
RLNG	32,368.58	8.9572	96,234.53	28.3833
Nuclear	667.21	1.0491	1,423.11	1.1244
Import Iran	564.60	11.5709	1,007.73	19.5700
Mixed	75.96	6.5872	46.41	4.7040
Wind	-	-	-	-
Baggasse	214.53	6.2089	496.59	5.9822
Solar	-	-	-	-
<b>Total</b>	<b>78,060.79</b>	<b>5.8121</b>	<b>204,234.88</b>	<b>14.7185</b>
Supplemental Charges	-	-	10,476.84	0.7550
Sale to IPPs	(382.00)	-	(1,279.78)	(37.2194)
<b>Grand Total</b>	<b>77,678.80</b>	<b>5.7836</b>	<b>213,431.94</b>	<b>15.3813</b>
Transmission Losses	-	0.1507	-	0.4585
<b>Total</b>	<b>77,678.80</b>	<b>5.9344</b>	<b>213,431.94</b>	<b>15.8398</b>
<b>EMO Deductions</b>			<b>(111.2)</b>	
<b>Net Total</b>	<b>77,679</b>	<b>5.9344</b>	<b>213,321</b>	<b>15.8316</b>

11 N. D. M. A.

National Electric Power Regulatory Authority



NOTIFICATION

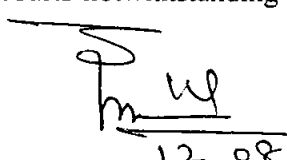
Islamabad, the August 12, 2022

S.R.O. <sup>1461</sup> (I)/2022: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority makes and notifies the adjustments on account of variations in fuel charges in the approved tariff of XWDISCOs. The following is the fuel charges adjustment for the month of June 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	June 2022
Actual Fuel Charge Component for June 2022	Rs.15.8316/kWh
Corresponding Reference Fuel Charge Component	Rs.5.9344/kWh
<b>Fuel Price Variation for the month of June 2022 - Increase</b>	<b>Rs.9.8972/kWh</b>

Note: The Authority has reviewed and assessed an increase of Rs.9.8972/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of June 2022 as per the above details.

2. The above adjustment an increase of Rs.9.8972/kWh shall be applicable to all the consumer categories except lifeline consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of June 2022 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of June 2022 in the billing month of August 2022.
3. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

  
12 08 22  
(Syed Safer Hussain)  
Registrar



