



# 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/ 21547-62

November 8, 2022

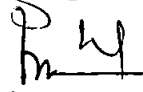
1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, 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 September 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 September 2022 and its Notification i.e. S.R.O. 2038(1)/2022 dated 08.11.2022.

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)

  
08 11 22  
( Syed Safer Hussain )

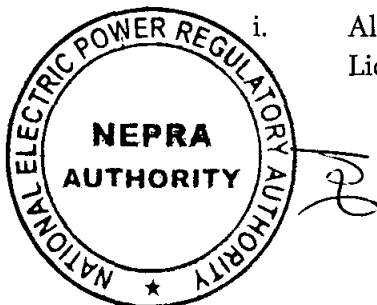
CC:

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 SEPTEMBER 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 September 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 September 2022 is Rs.10.1160/kWh, against the reference fuel cost component of Rs.9.9114/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2022-23. The actual fuel charges, as reported by CPPA-G, for the month of September 2022 increased by Rs.0.2046/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 October 15, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on October 26, 2022 at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad through zoom. The date of hearing was mentioned in the advertisement published in newspapers and also uploaded on NEPRA's website, whereby participation in the hearing and filing of comments/ objections from any interested/affected person were invited. Separate notices were also sent to the interested / affected parties.
6. On the date fixed for hearing, representatives from CPPA-G, National Power Control Center (NPCC)/NTDC, Media and General Public were present. However, no representation was made from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL) and Ministry of Finance despite serving the hearing notice.
7. 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.

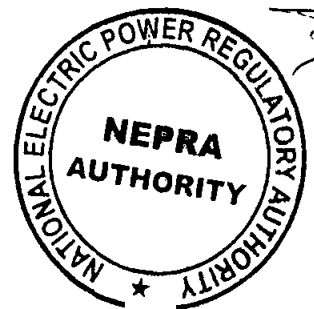


*Signature* Math. a H



- 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.
- 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 September 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 53.653 GWh from Tavanir Iran in September 2022 at a cost of Rs.1,172 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.

*2* *auth: A* *W*



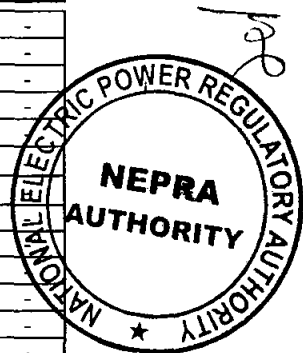


10. Regarding the current month cost of September 2022, the fuel cost of Haveli Bahadur Shah and Baloki has been adjusted downwards as per the Authority's latest approved FCC rates for the month of September 2022, as detailed below;

Plants	Energy (kWh)	Fuel Charge Claimed by CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Haveli Bahadur Shah	399,526,600	10,249,413,354	10,123,765,112	(125,648,242)
Baloki	663,731,500	17,575,711,932	16,560,849,675	(1,014,862,257)
<b>Total</b>	<b>1,063,258,100</b>	<b>27,825,125,286</b>	<b>26,684,614,787</b>	<b>(1,140,510,499)</b>

11. CPPA-G also claimed negative amount of Rs.20 million as previous adjustment. The Authority, from the data provided by CPPA-G, observed that cost of Rs.281 million for GENCO-I power plant was already allowed to CPPA-G, therefore, the same amount has been excluded while working out instant monthly FCA
12. CPPA-G, has also claimed an amount if negative Rs.164 million for QATPL, however, same as per the NEPRA technical verified invoice for the month of July 2022, works out as negative amount of Rs.255.95 million instead of claimed negative amount of Rs.164 million.
13. For the remaining previous adjustments claims the same have been verified and accordingly considered while working out the instant Monthly Fuel Charges adjustment. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Proposed Rs.	Deduction
Attock-Gen	153,861,461	153,861,461	-
Atlas Power	15,012,337	15,012,337	-
Nishat Power	185,114	185,114	-
Foundation Power	39,156,533	39,156,533	-
Orient	(28,750,473)	(28,750,473)	-
Nishat Chunian	28,310,617	28,310,617	-
Saif Power	(18)	(18)	-
Engro Energy	69,402,834	69,402,833	-
Saphire Power	(398,385)	(398,385)	-
Hubco Narowal	8,873,724	8,873,724	-
Liberty Power	12,890,308	12,890,308	-
Halmore	(194,349,911)	(194,349,911)	-
Uch-II	(117,819)	(117,819)	-
Almoiz Industries Limited	(9,195)	(9,195)	-
China Hub Power (Pvt.) Ltd	(101,633)	(101,633)	-
Engro PowerGen Thar TPS	(3,253,050,575)	(3,253,050,575)	-
QATPL	(164,046,924)	(255,954,609)	(91,907,685)
Haveli Bahadur Shah	(315,916,727)	(315,916,727)	-
Huaneng Shandong Ruyi Energy (Pvt) Ltd	572,776,826	572,776,826	-
Baloki	(200,222,549)	(200,222,549)	-
Port Qasim	79,188,375	79,188,375	-
Lucky Electric Power Company Limited	2,875,919,962	2,875,919,962	-
AES Lalpir	(6)	(6)	-
Pak Gen Power Limited	(36)	(36)	-
Saba Power	(91)	(91)	-
Uch	(157,621)	(157,621)	-
Liberty	(147,090)	(147,090)	-
Tavanir Iran	(42)	(42)	-
KAPCO	(2)	(2)	-
GENCO-I ***	281,304,694	-	(281,304,694)
<b>Total</b>	<b>(20,386,313)</b>	<b>(393,598,693)</b>	<b>(373,212,379)</b>



14. As per the data submitted by CPPA-G, XWDISCOs purchased 15.88 GWh from Captive Power Plants (CPPs) during September 2022, for which CPPA-G provided actual details of

*Signature*



energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.74.24 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of September 2022.

15. The Authority in earlier FCA decision of XWDISCOs, directed CPPA-G to provide detail of net metering units purchased by all XWDISCOs along-with its subsequent monthly FCA request. CPPA-G in compliance to the Authority's direction provided the following information for Distributed Generation/Net metering for consideration of the Authority;

BILL MONTH	NO OF CONSUMERS	SANCTION LOAD (MW)	BY DISTRIBUTED GENERATORS					
			TOTAL EXPORTED UNITS (KWH)		UNITS NETTED OFF (KWH)		NET EXPORT (KWH)	
			OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK
01-Sep-22	30,536	806,876	27,008,248	241,322	21,360,722	145,043	5,647,526	96,279

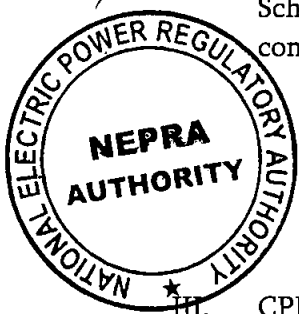
16. Based on the data provided by CPPA-G, net exported units i.e. 5.74 GWh, have been considered as purchases by DISCOs for the month of September @ National Average Purchase Price (NAPP) i.e. Rs.19.32/kWh as per the tariff notified w.e.f. 25.07.2022. Accordingly, both the units i.e. 5.74 GWh and cost i.e. Rs.110.97 million has been included while working out the instant monthly FCA of September 2022.
17. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.37,399.8 million, during the month of September 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.

*Handwritten mark*

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;
- 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.



III. CPPA-G shall share the report with the system operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request.

18. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of September 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.

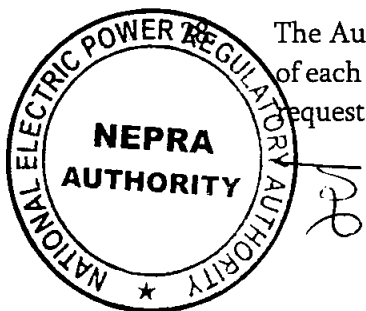
19. NPCC/NTDC during the hearing, explained operation of power plants on RFO, however, the Authority observed that an in-house analysis has also been carried out, to work out the

*Handwritten signature*



- 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. 43.17 million (Rs.25.86 million financial impact due to System constraints and Rs.17.31 million due to underutilization of efficient power plants).
20. 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.
  21. Here it is also pertinent to mention that during the hearing of FCA for the month of April 2022 and onward, CPPA-G and NPCC agreed to revise the EMO list, posted on their website on actually available fuel(s). However, the merit order is still being prepared on old consideration i.e. with indigenous natural gas (pipeline quality gas), while this fuel is not available to plants since long. CPPA-G/NPCC is again directed to ensure compliance regarding preparation of EMO based on actual available fuel to the power plants.
  22. Further the Authority also observed that Energy from Foundation power was reported more than the Joint Meter reading by 84 kWh, accordingly the same has been adjusted back in reported energy along-with financial impact.
  23. It was also observed that energy Orient RLNG base power plant was reported less than the Joint Meter readings by 1,976 kWh, accordingly, the lesser energy reported by CPPA-G has been adjusted while working out monthly FCA of XWDISCOs for September 2022.
  24. In view of the above discussion, the Authority has calculated the fuel cost for the month of September 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, 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.
  25. NTDC, reported provisional T&T losses of 301.44 GWh i.e. 2.31%, based on energy delivered on NTDC system during September 2022. NTDC in addition also reported T&T losses of 30.285 GWh i.e. 2.609%, for PMLTC (HVDC) line.
  26. NTDC 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%.
  27. Accordingly, for the month of September 2022, T&T losses of 301.44 GWh have been verified for NTDC system based on units delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 30.285 GWh, being within the Authority's allowed limit have also considered while working out the FCA of September 2022.

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.



*[Handwritten signature]*



29. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.0.0819/kWh (**Annex-II**) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of September 2022 as per the following details:

Actual Fuel Charge Component for September 2022	Rs.9.9933/kWh
Corresponding Reference Fuel Charge Component	Rs.9.9114/kWh
Fuel Price Variation for the month of September 2022-Increase	Rs.0.0819/kWh

30. In view of the aforementioned, the Authority has decided that adjustment as referred above;
- Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.
  - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of September 2022.
  - XWDISCOs shall reflect the fuel charges adjustment in respect of September 2022 in the billing month of November 2022;
  - 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**

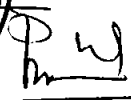
  
Engr. Maqsood Anwar Khan  
Member

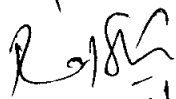
  
Rafique Ahmed Shaikh  
Member

  
Tauseef H. Farooqi  
Chairman

⊗ My additional note attached.



  
08/11/22

  
04/11/22

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

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 (54.06%), HBS around (45.11%) and Baloki around (69.84%) during the month of September, 2022. It is noted that the accumulated claim by these power plants against part load operation is Rs 3.147 billion. 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 3.147 billion.

2. As per the data submitted by NPCC, the average RLNG allocated to power sector during the month of September, 2022 was 415 MMCFD against a demand of 800 MMCFD that resulted in indicative financial impact of Rs. 3.047 Billion during the aforesaid month. Efforts should be made to improve the supply chain of RLNG to fully utilize the most efficient RLNG power plants and avoid the part load adjustment charges.

3. 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 16 (249 MW) of Guddu 747 and Guddu old units 6, 10, 11, 12 & 13 (565 MW) resulted in financial losses due to operation of costlier power plants.



*Handwritten signature*  
08 x 1 22

*Handwritten signature*  
04/22/22

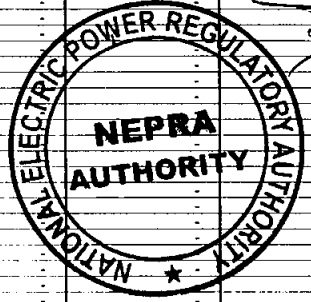


CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of September 2022

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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	3,143,885,584		214,749,110	214,749,110	-	(496,539)	(496,539)	-	-	214,252,571	214,252,571
	Jagran	Hydel	30	9,789,178		25,353,971	25,353,971	-	-	-	-	-	25,353,971	25,353,971
	Palura	Hydel	18	-		-	-	-	-	-	-	-	-	-
	Malakand-II SHYDO	Hydel	81	14,506,730		4,594,281	4,594,281	-	-	-	-	-	4,594,281	4,594,281
	Larabi	Hydel	84	22,272,900		8,900,144	8,900,144	-	-	-	-	-	8,900,144	8,900,144
	Star Hydro	Hydel	147	46,607,700		10,747,735	10,747,735	-	-	-	-	-	10,747,735	10,747,735
	Head Marala	Hydel	9	1,145,934		-	-	-	-	-	-	-	-	-
	Neelum Jhelum	Hydel	998	-		-	-	-	-	-	-	-	-	-
	Tarbella Ext. 4	Hydel	1,478	919,069,380		123,155,297	123,155,297	-	-	-	-	-	123,155,297	123,155,297
	Mira Power Limited	Hydel	101	34,850,690		6,784,558	6,784,558	-	-	-	-	-	6,784,558	6,784,558
	Daral Khwar	Hydel	37	1,126,370		-	-	-	-	-	-	-	-	-
	Karot Power Company (Pvt.) Limited	Hydel	720	210,558,200		124,397,784	124,397,784	-	(147,727,685)	(147,727,685)	-	-	(23,329,901)	(23,329,901)
Ravela Hydro Power Complex	Hydel	17	-		-	-	-	27,687,338	27,687,338	-	-	27,687,338	27,687,338	
Hydel Total:		10,592	4,403,812,868		516,682,880	516,682,880	-	(120,536,886)	(120,536,886)	-	-	396,125,994	396,125,994	
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	182	-		-	-	-	-	-	-	-	-	-
	Unit 1	Gas	-	-		-	-	-	-	-	-	-	-	-
	Jamshoro Block 2	Unit-2	467	-		-	-	281,304,694	-	281,304,694	-	281,304,694	-	281,304,694
		RFO	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
		RFO	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
		RFO	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
		RFO	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
		RFO	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
		RFO	-	-		-	-	-	-	-	-	-	-	-
		Gas	-	-		-	-	-	-	-	-	-	-	-
		RLNG	-	-		-	-	-	-	-	-	-	-	-
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-		-	-	-	-	-	-	-	-	-	
	Gas	-	-		-	-	-	-	-	-	-	-	-	
	RLNG	-	-		-	-	-	-	-	-	-	-	-	
	RFO	-	-											

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

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOSM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOSM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOSM Rs.	Total Energy Cost (Rs.)	
7	Habitullah	Gas	129	-	-	-	-	-	-	-	-	-	-	-	
8	Fauji Kabirwala	Gas	151	-	-	-	-	-	-	-	-	-	-	-	
9	Roush	RLNG	395	-	-	-	-	-	-	-	-	-	-	-	
10	Saba Power	RFO	126	24,731,612	912,143,894	8,082,291	920,226,185	(91)	(282)	-	-	912,143,803	8,082,009	820,225,812	
12	Uch	Gas	549	213,861,000	2,443,344,739	109,036,534	2,552,381,273	(157,621)	-	(157,621)	-	2,443,167,118	109,036,534	2,552,223,652	
13	Altam	Gas	27	-	-	-	-	-	-	-	-	-	-	-	
14	Liberty	Gas	212	140,234,100	3,023,859,783	88,301,391	3,111,961,174	(147,090)	(615)	(147,905)	-	3,023,512,693	88,300,576	3,111,813,269	
16	Chashma Nuclear	Nucl.	300	141,704,000	172,694,665	-	172,694,665	-	-	-	-	172,694,665	-	172,694,665	
17	Chashma Nuclear-I	Nucl.	315	217,884,000	298,697,176	-	298,697,176	-	-	-	-	298,697,176	-	298,697,176	
18	Chashma Nuclear-II	Nucl.	340	215,397,000	265,196,766	-	265,196,766	-	-	-	-	265,196,766	-	265,196,766	
19	Chashma Nuclear-IV	Nucl.	340	209,740,000	275,325,698	-	275,325,698	-	-	-	-	275,325,698	-	275,325,698	
20	Karachi Nuclear Power Plant-Unit-2	Nucl.	1,140	735,211,000	666,395,250	-	666,395,250	-	-	-	-	666,395,250	-	666,395,250	
21	Karachi Nuclear Power Plant-Unit-3	Nucl.	1,145	745,576,000	675,791,899	-	675,791,899	-	-	-	-	675,791,899	-	675,791,899	
22	Tavanir Iran	Import	86	53,653,000	1,172,063,188	-	1,172,063,188	(42)	-	(42)	-	1,172,063,156	-	1,172,063,156	
Sub-Total:				8,633	3,186,529,212	28,334,816,594	482,852,814	28,817,671,408	(304,868)	(900,695)	(1,205,563)	28,334,513,706	481,952,119	28,816,465,825	
1	Attock-Gen	RFO	156	89,291,192	2,237,275,642	156,402,452	2,393,678,094	153,861,461	11,307,794	165,169,255	-	2,391,137,103	167,710,246	2,558,847,349	
2	Atlas Power	RFO	214	102,279,811	3,318,018,437	176,944,073	3,494,962,510	15,012,337	12,561,609	3,333,030,774	-	3,333,030,774	169,505,662	3,502,536,436	
3	Nisbat Power	RFO	195	101,774,822	3,358,477,529	199,376,876	3,557,854,405	185,114	-	185,114	-	3,558,662,643	199,376,876	3,558,039,519	
4	Foundation Power	Gas	171	113,159,007	783,363,762	92,042,177	875,405,939	39,158,533	(638,858)	38,517,675	-	822,520,295	91,403,319	913,923,614	
5	Orient	RLNG	213	32,442,958	967,496,567	16,646,465	1,004,143,052	(28,750,473)	(412)	(28,750,885)	-	958,746,094	16,646,073	975,392,167	
6	Hshat Chunian	RFO	196	79,081,914	2,554,937,735	138,504,734	2,691,442,469	28,310,617	13,205,711	41,516,328	-	2,583,248,352	149,710,445	2,732,958,797	
7	Saif Power	RLNG	204	69,282,209	2,024,970,370	60,467,136	2,085,437,506	(18)	-	(18)	-	2,024,970,352	60,467,136	2,085,437,488	
8	Engro Energy	HSD	213	75,358,836	608,303,373	54,223,665	662,527,038	66,402,834	(1,241,569)	68,161,245	-	677,706,207	52,982,076	730,688,283	
9	Sapphire Power	RLNG	203	37,623,830	1,147,775,447	32,478,886	1,180,252,333	(398,385)	-	(398,385)	-	1,147,377,062	32,478,886	1,179,855,948	
10	Hubco Narowal	RFO	214	93,500,047	3,313,772,568	140,960,671	3,454,733,237	8,873,724	7,370,074	16,243,798	-	3,322,646,290	148,330,745	3,470,977,035	
11	Liberty Power	RFO	196	101,295,488	3,275,835,305	190,992,643	3,466,827,947	12,890,308	16,742,795	29,633,104	-	3,286,725,813	207,735,438	3,494,461,251	
12	Halmore	RLNG	198	-	-	-	-	(194,349,911)	-	(194,349,911)	-	(194,349,911)	-	(194,349,911)	
13	Uch-II	HSD	361	217,362,276	1,888,676,054	102,502,278	1,991,178,333	(117,819)	-	(117,819)	-	1,888,558,235	102,502,278	1,991,060,514	
14	JOW-II	Bagasse	26	17,100,300	102,297,415	15,812,574	117,909,889	0	1,595,872	1,595,872	-	102,297,415	17,208,446	119,505,861	
15	JOW-III	Bagasse	26	16,929,120	101,273,382	15,456,286	116,729,668	(0)	824,453	824,453	-	101,273,382	16,280,739	117,554,121	
16	RYK	Bagasse	24	-	-	-	-	(0)	997,833	997,833	-	(0)	997,833	997,833	
17	Chinlet Power	Bagasse	62	-	-	-	-	(0)	47,606	47,606	-	(0)	47,606	47,606	
19	Hamza Sugar Mills	Bagasse	15	-	-	-	-	-	-	-	-	-	-	-	
20	Almota Industries Limited	Bagasse	36	26	156	-	156	(8,195)	1,726	(7,469)	-	(8,039)	1,726	(7,313)	
21	Chanar Energy Limited	Bagasse	22	-	-	-	-	-	-	-	-	-	-	-	
22	China Hub Power (Pvt.) Ltd.	Coal	1,220	199,289,100	5,700,750,194	107,206,776	5,807,956,969	(101,633)	(221,710,338)	(221,811,971)	-	5,700,648,581	(114,503,562)	5,586,144,998	
23	Engro PowerGen Thar TPS	Coal	680	427,157,500	4,846,372,154	468,976,219	5,315,348,373	(3,253,050,575)	(432,249,598)	(3,685,300,173)	-	1,593,321,578	38,728,621	1,830,048,200	
24	Layyah Sugar Mills	Bagasse	41	-	-	-	-	-	-	-	-	-	-	-	
25	QATPL	RLNG	1,180	459,302,600	10,930,558,529	352,009,513	11,282,568,042	(164,046,924)	(551)	(164,047,475)	-	10,768,511,605	352,009,962	11,118,520,567	
26A	Haveli Bahadur Shah	HSD	1,230	399,526,600	10,249,413,354	109,350,431	10,358,763,785	(315,916,727)	-	(315,916,727)	-	9,933,496,827	109,350,431	10,042,847,058	
27	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	323,373,300	9,484,668,238	77,932,965	9,562,601,204	572,776,826	25,413,952	598,190,778	-	10,057,445,065	103,346,917	10,160,791,982	
30	Balochi	RLNG	1,320	663,731,500	17,575,711,932	202,637,227	17,778,349,159	(200,222,549)	-	(200,222,549)	-	17,375,469,383	202,637,227	17,578,126,610	
28A	Port Qaim	HSD	1,320	219,158,000	3,953,704,558	67,766,170	3,953,704,558	79,186,375	(3,648,300)	75,340,075	-	4,032,892,933	(3,648,300)	4,029,044,633	
31	Lucky Electric Power Company Limited	Coal	680	128,861,800	2,070,818,678	-	2,138,384,648	2,875,919,962	9,458,641	2,885,378,803	-	4,946,538,840	77,225,011	5,023,763,851	
32	Punjab Thermal Power (Private) Limited	Coal	1,320	-	-	-	-	-	-	-	-	-	-	-	
33	Thar Energy Limited	Coal	330	151,584,100	-	-	-	-	-	-	-	-	-	-	
Sub-Total:				13,887	4,718,256,336	90,514,271,375	2,776,486,238	93,290,759,814	(301,386,119)	(560,161,380)	(861,547,499)	-	90,212,885,266	2,216,326,659	92,429,212,116
IPP, a Total:-				22,320	7,304,785,548	118,849,089,969	3,259,341,052	122,106,431,022	(301,691,007)	(561,062,076)	(862,753,082)	-	118,547,398,962	2,698,278,978	121,245,677,940
4	Others:														
1	TPS-Quetta	Gas	25	-	-	-	-	-	-	-	-	-	-	-	
2	Zorlu	Wind	56	10,338,160	-	-	-	-	-	-	-	-	-	-	
3	FFCEL	Wind	50	8,033,660	-	-	-	-	-	-	-	-	-	-	
4	TGF	Wind	50	9,482,200	-	-	-	-	-	-	-	-	-	-	
5	Foundation	Wind	50	10,825,760	-	-	-	-	-	-	-	-	-	-	
6	Sapphire Wind Power	Wind	53	9,812,369	-	-	-	-	-	-	-	-	-	-	
7	Younus Energy Ltd.	Wind	50	9,976,930	-	-	-	-	-	-	-	-	-	-	
8	Metro Wind Power	Wind	50	10,730,490	-	-	-	-	-	-	-	-	-	-	
9	Gul Ahmad Wind Power	Wind	50	8,012,470	-	-	-	-	-	-	-	-	-	-	
10	Master Wind Power	Wind	50	10,076,319	-	-	-	-	-	-	-	-	-	-	
11	Tenaga General	Wind	50	11,109,210	-	-	-	-	-	-	-	-	-	-	
12	Tapal Wind	Wind	31	6,175,860	-	-	-	-	-	-	-	-	-	-	
13	Hydrochina Darwood Power (Private) Limited	Wind	50	11,527,980	-	-	-	-	-	-	-	-	-	-	
14	SEDL Wind	Wind	50	9,510,565	-	-	-	-	-	-	-	-	-	-	
15	UEPL Wind	Wind	99	20,682,382	-	-	-	-	-	-	-	-	-	-	
16	Quid-e-Azam Solar Park	Solar	100	14,860,730	-	-	-	-	-	-	-	-	-	-	
17	Appollo Solar Park	Solar	100	15,053,270	-	-	-	-	-	-	-	-	-	-	
18	Best Green Energy	Solar	100	14,562,920	-	-	-	-	-	-	-	-	-	-	
19	Crest Energy	Solar	100	14,926,450	-	-	-	-	-	-	-	-	-	-	
20	Narappa	Solar	18	2,829,890	-	-	-	-	-	-	-	-	-	-	
21	AJ Solar	Solar	12	1,850,010	-	-	-	-	-	-	-	-	-	-	
22	AEP Wind	Wind	50	14,693,041	-	-	-	-	-	-	-	-	-	-	
23	Jhampir Wind	Wind	50	13,106,590	-	-	-	-	-	-	-	-	-	-	
24	HAWA Wind	Wind	50	12,370,020	-	-	-	-	-	-	-	-	-	-	
25	TGT	Wind	50	10,928,203	-	-	-	-	-	-	-	-	-	-	
26	TGS	Wind	50	10,536,762	-	-	-	-	-	-	-	-	-	-	
27	Tricon Boston-A	Wind	50	15,299,132	-	-	-	-	-	-	-	-	-	-	
28	Tricon Boston-B	Wind	50	14,359,349	-	-	-	-	-	-	-	-	-	-	
29	Tricon Boston-C	Wind	50	14,084,093	-	-	-	-	-	-	-	-	-	-	
30	ZEPHYR Wind	Wind	50	16,500,210	-	-	-	-	-	-	-	-	-	-	

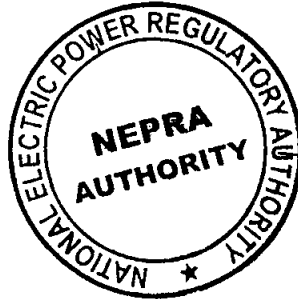


**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**For the Month of September 2022**

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.)
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	11,170,670	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	15,789,200	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	15,280,420	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	15,607,740	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	14,750,450	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	16,070,880	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	14,915,180	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-I Ltd.	Wind	50	13,404,970	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	50	13,445,980	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	15,924,390	-	-	-	-	-	-	-	-	-	-
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	18,007,200	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	14,137,270	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	15,605,520	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	22,712,950	-	-	-	-	-	-	-	-	-	-
45	SPPs	Mixed	257	15,884,443	74,244,992	-	74,244,992	-	-	-	-	74,244,992	-	74,244,992
	Sub-Total		2,643	584,454,248	74,244,992	-	74,244,992	-	-	-	-	74,244,992	-	74,244,992
	<b>G-I Total:</b>		<b>39,780</b>	<b>12,877,823,993</b>	<b>127,629,595,321</b>	<b>4,104,395,722</b>	<b>131,733,991,043</b>	<b>(20,386,313)</b>	<b>(685,231,329)</b>	<b>(705,617,642)</b>	-	<b>127,609,209,008</b>	<b>3,419,164,393</b>	<b>131,028,373,401</b>
<b>Summary</b>														
1	Hydel			4,403,812,866	-	516,662,880	516,662,880	-	(120,536,886)	(120,536,886)	-	-	396,125,994	396,125,994
2	Coal			1,449,203,800	26,056,113,822	721,882,130	26,777,995,952	274,732,955	(622,935,443)	(348,202,488)	-	26,330,848,777	99,846,688	26,429,793,464
3	HSD			-	-	-	-	-	-	-	-	-	-	-
4	F.O.			1,080,475,804	37,399,837,271	1,286,884,021	36,686,531,282	500,438,120	60,268,104	560,726,224	-	37,900,275,391	1,348,982,125	39,247,257,516
5	Gas			1,205,504,550	12,957,791,803	690,684,170	13,648,485,974	108,138,836	(1,881,282)	106,255,574	-	13,065,928,640	688,812,908	13,754,741,548
6	RLNG			1,821,176,279	47,411,871,809	857,393,660	48,269,265,469	(903,884,888)	(3,833,331)	(907,318,319)	-	48,508,186,821	853,760,329	47,381,947,150
6	Nuclear			2,265,514,000	2,354,101,474	-	2,354,101,474	-	-	-	-	2,354,101,474	-	2,354,101,474
7	Import from Iran			53,863,000	1,172,063,198	-	1,172,063,198	(42)	-	(42)	-	1,172,063,156	-	1,172,063,156
8	Wind Power			486,879,335	-	-	-	-	-	-	-	-	-	-
9	Solar			81,680,470	-	-	-	-	-	-	-	-	-	-
10	Bagasse			34,029,446	203,570,953	31,068,860	234,639,813	(9,195)	3,467,489	3,458,295	-	203,561,758	34,536,349	238,098,107
11	Mixed			15,884,443	74,244,992	-	74,244,992	-	-	-	-	74,244,992	-	74,244,992
	<b>Totals For The month</b>			<b>12,877,823,993</b>	<b>127,629,595,321</b>	<b>4,104,395,722</b>	<b>131,733,991,043</b>	<b>(20,386,313)</b>	<b>(685,231,329)</b>	<b>(705,617,642)</b>	-	<b>127,609,209,008</b>	<b>3,419,164,393</b>	<b>131,028,373,401</b>
	Prev. Adjustments :			(7,824,495)	(20,386,313)	(685,231,329)	(705,617,642)							
	<b>GRAND TOTALS :</b>			<b>12,870,199,498</b>	<b>127,609,209,008</b>	<b>3,419,164,393</b>	<b>131,028,373,401</b>							

Energy Cost (Rs.)	127,609,209,008	3,419,164,393	131,028,373,401
Cost not chargeable to DISCOs (Rs.)	947,237,695	-	947,237,695
EPP (Chargeable) (Rs.)	128,661,971,313	3,419,164,393	130,081,135,706
Energy Sold (KWh)	12,520,981,213	12,520,981,213	12,520,981,213
Avg. Rate (Rs./KWh)	10.1160	0.2731	10.3891

Reference Rate (Rs./KWh)	9.9114
FCA Rate (Rs./KWh)	0.2046



*Lu Mall, R*

*[Handwritten signature]*

				Annex-II
Source Wise Generation				
Sources	September 2022			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	5,267.07	36.76%	4,403.81	34.18%
Coal	3,071.38	21.44%	1,449.20	11.25%
HSD	-	0.00%	-	0.00%
RFO	-	0.00%	1,080.48	8.39%
Gas	1,298.23	9.06%	1,205.50	9.36%
RLNG	2,587.63	18.06%	1,821.18	14.14%
Nuclear	1,531.92	10.69%	2,265.51	17.58%
Import Iran	46.66	0.33%	53.65	0.42%
Mixed	11.90	0.08%	15.88	0.12%
Wind	378.48	2.64%	466.88	3.62%
Baggasse	31.23	0.22%	34.03	0.26%
Solar	101.84	0.71%	81.69	0.63%
Net Metering Units			5.74	
<b>Total</b>	<b>14,326.35</b>	<b>100.0%</b>	<b>12,883.57</b>	<b>100.0%</b>
Sale to IPPs	(20.37)	-0.14%	(21.95)	-0.17%
Transmission Losses	(461.88)	-3.22%	(331.57)	-2.57%
Net Delivered	13,844.10	96.6%	12,530.05	97.26%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	September 2022			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	64,389.71	20.9644	26,056.11	17.9796
HSD	-	-	-	-
RFO	-	-	37,399.84	34.6142
Gas	10,295.08	7.9301	12,957.79	10.7489
RLNG	60,314.78	23.3089	46,271.36	25.4074
Nuclear	1,487.23	0.9708	2,354.10	1.0391
Import Iran	867.82	18.5983	1,172.06	21.8453
Mixed	78.40	6.5872	74.24	4.6741
Wind	-	-	-	-
Baggasse	188.66	6.0411	203.57	5.9822
Solar	-	-	-	-
Net metering			110.97	19.32
<b>Total</b>	<b>137,621.69</b>	<b>9.6062</b>	<b>126,600.05</b>	<b>9.8265</b>
Supplemental Charges	-	-	(393.60)	(0.0306)
Sale to IPPs	(407.47)	-	(947.24)	(43.1539)
<b>Grand Total</b>	<b>137,214.22</b>	<b>9.5778</b>	<b>125,259.22</b>	<b>9.7224</b>
Transmission Losses	-	0.3336	-	0.2743
<b>Total</b>	<b>137,214.22</b>	<b>9.9114</b>	<b>125,259.22</b>	<b>9.9967</b>
EMO Deductions			(43.2)	
<b>Net Total</b>	<b>137,214</b>	<b>9.9114</b>	<b>125,216</b>	<b>9.9933</b>

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the November 8, 2022

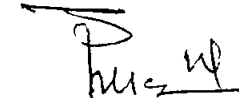
S.R.O. <sup>2038</sup> (I)/2022: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory 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 September 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	September 2022
Actual Fuel Charge Component for September 2022	Rs.9.9933/kWh
Corresponding Reference Fuel Charge Component	Rs.9.9114/kWh
<b>Fuel Price Variation for the month of September 2022 - Increase</b>	<b>Rs.0.0819/kWh</b>

Note: The Authority has reviewed and assessed an increase of Rs.0.0819/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of September 2022 as per the above details.

2. The above adjustment an increase of Rs.0.0819/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of September 2022. XWDISCOs shall reflect the fuel charges adjustment in respect of September 2022 in the billing month of November 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.

  
08 XI 22  
Hussain (Syed Safer Hussain)  
Registrar

