



# National Electric Power Regulatory Authority

## Islamic Republic of Pakistan

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Registrar

No. NEPRA/R/TRF-100/MFPA/17117-32

September 12, 2022

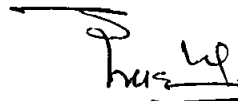
1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, 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 July 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 12 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of July 2022 and its Notification i.e. S.R.O. 1727(I)/2022 dated 12.09.2022.

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)

  
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(Syed Safer Hussain)

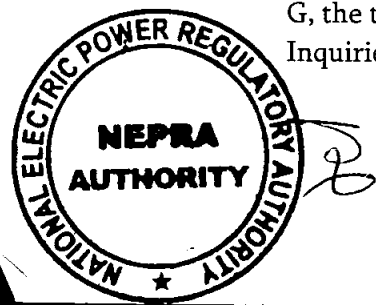
CC:

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 JULY 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 July 2022, CPPA-G vide its request dated August 15, 2022, submitted the necessary information as to the details of the actual fuel charges etc. CPPA-G requested the Authority to allow positive FCA of Rs.4.6954/kWh for the month of July 2022.
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 July 2022 is Rs.10.9833/kWh, against the reference fuel cost component of Rs.6.2879/kWh. For working out the reference for July 2022, Annex-IV of the decision of the Authority for Ex-WAPDA DISCOs for FY 2019-20 (remained notified till July 24, 2022) and for FY 2022-23 (notified w.e.f. July 25, 2022), which on proportionately basis works out as Rs.6.2879/kWh, has been used. The actual fuel charges, as reported by CPPA-G, for the month of July 2022 increased by Rs.4.6954/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 August 20, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on August 31, 2022 (Wednesday) 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. Upon inquiry from the commentators during the hearing regarding total impact of FCA for the month of July 2022, the Authority mentioned that as per the claim submitted by CPPA-G, the total Financial impact of FCA for July 2022, is around Rs. 64 billion. Similarly, upon Inquiries from the commentators, the Authority also mentioned that FCA for July 2022,



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would be around around Rs. 5.2/kWh lower than the FCA of June 2022, based on the claim of CPPA-G.

8. 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**

- 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.

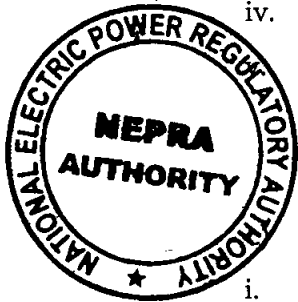
- iv. All purchases have been made in accordance with the Power Purchase Agreement  
The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising 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 July 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 .

9. 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.

10. The Authority observed that CPPA-G has purchased energy of 46.572 GWh from Tavanir Iran in July 2022 at a cost of Rs.1,063.62 million, however, contract between CPPA-G and



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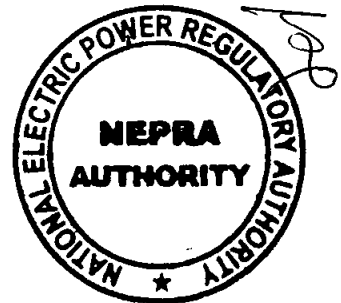
Tavanir Iran for import of Power up-to 104 MW has expired on December 31, 2021. In view thereof, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority decides the extension in the contract between CPPA-G and Tavanir 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.

11. Regarding the current month cost of July 2022, the fuel cost of the following power plants have been adjusted downwards as per the Authority's latest approved FCC rates for the month of July 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.
Orient	99,595,777	3,135,769,928	2,887,094,715	(248,675,214)
Saif Power	86,831,228	2,699,330,616	2,465,893,259	(233,437,357)
Saphire Power	70,567,810	2,341,923,088	2,077,873,378	(264,049,709)
QATPL	230,260,831	6,314,941,027	5,516,793,928	(798,147,099)
Haveli Bahadur Shah	573,167,035	15,421,359,335	14,245,467,406	(1,175,891,929)
Baloki	560,550,612	15,394,582,508	14,121,333,295	(1,273,249,213)
Lucky Electric Power Company Limited	282,262,500	4,511,627,348	4,164,726,735	(346,900,613)
<b>Total</b>	<b>1,903,235,793</b>	<b>49,819,533,850</b>	<b>45,479,182,716</b>	<b>(4,340,351,134)</b>

12. CPPA-G also claimed Rs.752 million as previous adjustment. The Authority, from the data provided by CPPA-G, observed that fuel cost of power plants have been claimed as previous adjustments by CPPA-G as per the Authority's approved rates, accordingly, the same has been allowed for the month of July 2022. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

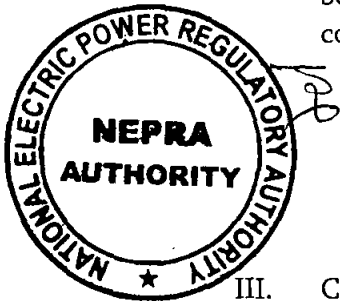
Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Allowed Rs.
Attock-Gen	9,695,734	9,695,734
Atlas Power	26,585,923	26,585,923
Nishat Power	15,154,442	15,154,442
Foundation Power	(365,370)	(365,370)
Orient	(11,338,503)	(11,338,503)
Orient (HSD)	13,155,931	13,155,931
Nishat Chunian	18,977,351	18,977,351
Saif Power	(86,928)	(86,928)
Saif Power (HSD)	(563,451)	(563,451)
Engro Energy	(118,798,541)	(118,798,541)
Saphire Power (HSD)	2,766,168	2,766,168
Hubco Narowal	16,426,151	16,426,151
Liberty Power	12,761,155	12,761,155
Halmore	(1,404,112)	(1,404,112)
Halmore HSD	(289,775,174)	(289,775,174)
Engro PowerGen Thar TPS	(236,128)	(236,128)
QATPL	(26,599,663)	(26,599,663)
Haveli Bahadur Shah	(311,938,303)	(311,938,303)
Huaneng Shandong Ruyi Energy (Pvt) Ltd	(72,277,896)	(72,277,896)
Baloki	(307,082,519)	(307,082,519)
Lucky Electric Power Company Limited	1,503,851,292	1,503,851,292
Hub Power	(6,531)	(6,531)
Kohinoor Energy	(3)	(3)
AES Lalpir	191,018,804	191,018,804
Pak Gen Power Limited	66,176,659	66,176,659
Fauji Kabirwala	19,655,665	19,655,665
Tavanir Iran	(103)	(103)
GENCO-II ***	(3,375,420)	(3,375,420)
GENCO-III ***	(6,399)	(6,399)
<b>Total</b>	<b>752,370,232</b>	<b>752,370,233</b>



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13. As per the data submitted by CPPA-G, XWDISCOs purchased 16.924 GWh from Captive Power Plants (CPPs) during July 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.80.503 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of July 2022.
14. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.31,305 million, during the month of July 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;
- 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.
15. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of July 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.
16. 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. 481.61 million (Rs.464.98 million financial impact due to System constraints and Rs.16.63 million due to underutilization of efficient power plants).
17. 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.
18. In view of the above discussion, the Authority has calculated the fuel cost for the month of July 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



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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.

19. NTDCL, reported provisional T&T losses of 329.20 GWh i.e. 2.30%, based on energy delivered on NTDCL system during July 2022. NTDC in addition also reported T&T losses of 33.49 GWh i.e. 2.63%, for PMLTC (HVDC) line.
20. 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%.
21. Accordingly, for the month of July 2022, T&T losses of 329.20 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. 33.49 GWh, being within the Authority's allowed limit have also considered while working out the FCA of July 2022.
22. 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.
23. 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.
24. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.4.3435/kWh (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of July 2022 as per the following details:

Actual Fuel Charge Component for July 2022	Rs.10.6314/kWh
Corresponding Reference Fuel Charge Component	Rs.6.2879/kWh
Fuel Price Variation for the month of July 2022-Increase	Rs.4.3435/kWh

25. 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.
  - b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of July 2022.

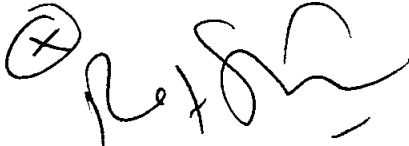


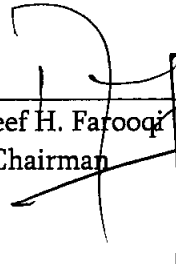


- c. XWDISCOs shall reflect the fuel charges adjustment in respect of July 2022 in the billing month of September 2022;
- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

**AUTHORITY**

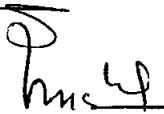
  
Engr. Maqsood Anwar Khan  
Member

  
Rafique Ahmed Shaikh  
Member

  
Tauseef H. Farooqi  
Chairman

⊗ My additional note is attached.





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

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

- 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."

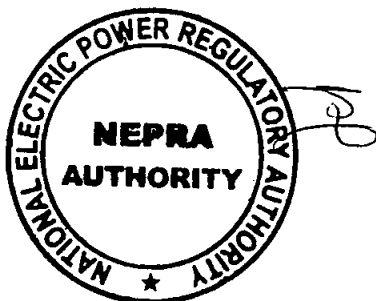
2. Despite clear direction of the Authority to prepare the merit order on actually available fuel(s), the merit order is still being prepared on old consideration i.e. with indigenous natural (pipe line quality) gas, while this fuel is not available to plants since last 2/3 years. The current merit order 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 (26%), HBS around (63%) and Baloki around (57%) during the month of July 2022. It is noted that the accumulated claim by these power plants against part load operation is Rs 4.086 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 4.086 billion.

4. As per the data submitted by NPCC, the average RLNG allocated to power sector during the month of July, 2022 was 494 MMCFD against a demand of 900 MMCFD that resulted in indicative financial impact of Rs. 6.938 Billion 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 464.98 million during the month of July 2022. Such constraints in transmission system is failure of the relevant entities in performing their core functions.

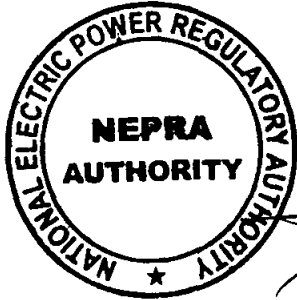


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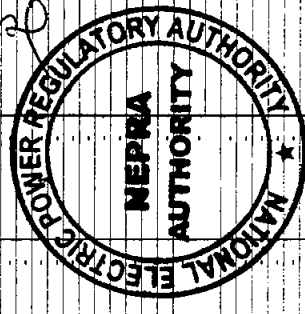


6. The utilization factor of power plants at Central Power Generation Company Limited (CPGCL), including the newly commissioned Guddu 747 machine, remained very low despite availability of dedicated cheaper Gas. Forced outage of unit 15 (249 MW), unit 16 (249 MW) of Guddu 747 and Guddu old units 6, 12 & 13 (345 MW) and units 8 & 10 (180 MW) resulted in financial losses due to operation of costlier power plants.



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

S.No	Power Producers	Fuel	Cap. Capacity (MW)	Energy (MWh)	Fuel Charges Rr.	Volkm Charges Rr.	EPF Billing month (Rr.)	Prw. Adjustment in Fuel (Rr.)	Prw. Adjustment in (Rr.)	Prw. Adjustment in EPF (Rr.)	Supp. Charges	Total Fuel Cost Rr.	Total VOSM Rr.	Total Energy Cost (Rr.)	
				A	B	C	D= B+C	E	F	G= E+F	H	I= B+E+H	J= C+H	K= J+G	
1	WAPDA	Hydel	6,902	3,443,982.511		240,527,910	240,527,910	(853,885)	(853,885)				238,574,034	238,574,034	
	Jagran	Hydel	30	18,780,709		48,590,236	48,590,236						48,590,236	48,590,236	
	Pehru	Hydel	18			16,177,481	16,177,481						16,177,481	16,177,481	
	Maitland-II SHYDO	Hydel	81	44,186,280		4,877,321	4,877,321						4,877,321	4,877,321	
	Larrib	Hydel	84	15,743,450		15,836,143	15,836,143						15,836,143	15,836,143	
	Star Hydro	Hydel	147	84,394,700		2,135,137	2,135,137						2,135,137	2,135,137	
	Head Marala	Hydel	8	107,717,000		106,849,744	106,849,744						106,849,744	106,849,744	
	Basium Jhalum	Hydel	989	796,893,610		8,781,843	8,781,843						8,781,843	8,781,843	
	Tarbella Ex. 4	Hydel	1,478	45,243,910		271,989,616	271,989,616						271,989,616	271,989,616	
	Mira Power Limited	Hydel	101	17,534,920		711,230,303	711,230,303						711,230,303	711,230,303	
	Dawal Kowar	Hydel	37	393,483,000											
	Karor Power Company (Pvt) Limited	Hydel	720	6,696,490											
	Ranoli Hydro Power Complex	Hydel	17	4,976,031,717											
	Hydel Total:		10,692												
	2	GENCO-I ***	RFO	162	12,608,000	554,241,175	1,196,240	555,437,415					554,241,175	1,196,240	555,437,415
		Jamshoro Block 1	Gas												
		Unit 1													
		Jamshoro Block 2	Gas	487	(173,336)	(8,682,188)	(16,034)	(8,855,524)					(8,682,188)	(16,034)	(8,855,524)
Unit 3															
Unit 3															
Unit 4															
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Unit 4															
3		GENCO-II ***	RFO	272	232,844,000	3,367,654,408	126,154,880	3,493,809,288					3,367,654,408	126,154,880	3,493,809,288
		Block 1 (CC)	Gas												
	Block 2 (CC)	Gas													
	Block 3 (CC)	Gas													
	Block 4 (CC)	Gas													
	Block 5 (CC)	Gas													
	Block 6 (CC)	Gas													
	Block 7 (CC)	Gas													
	Block 8 (CC)	Gas													
	Block 9 (CC)	Gas													
	Block 10 (CC)	Gas													
	Block 11 (CC)	Gas													
	Block 12 (CC)	Gas													
	Block 13 (CC)	Gas													
	Block 14 (CC)	Gas													
	Block 15 (CC)	Gas													
	4	GENCO-III ***	RFO	31	812,870,707	12,471,429,516	389,882,154	12,861,311,700					12,469,047,697	389,882,154	12,859,229,851
		Block 1 (CC)	Gas												
Block 2 (CC)		Gas													
Block 3 (CC)		Gas													
Block 4 (CC)		Gas													
Block 5 (CC)		Gas													
Block 6 (CC)		Gas													
Block 7 (CC)		Gas													
Block 8 (CC)		Gas													
Block 9 (CC)		Gas													
Block 10 (CC)		Gas													
Block 11 (CC)		Gas													
Block 12 (CC)		Gas													
Block 13 (CC)		Gas													
Block 14 (CC)		Gas													
Block 15 (CC)		Gas													
5		GENCO-IV	RFO	31	290,657,200	9,770,313,507	269,888,402	10,040,192,309					9,770,313,507	269,888,402	10,040,192,309
		Block 1 (CC)	Gas												
	Block 2 (CC)	Gas													
	Block 3 (CC)	Gas													
	Block 4 (CC)	Gas													
	Block 5 (CC)	Gas													
	Block 6 (CC)	Gas													
	Block 7 (CC)	Gas													
	Block 8 (CC)	Gas													
	Block 9 (CC)	Gas													
	Block 10 (CC)	Gas													
	Block 11 (CC)	Gas													
	Block 12 (CC)	Gas													
	Block 13 (CC)	Gas													
	Block 14 (CC)	Gas													
	Block 15 (CC)	Gas													



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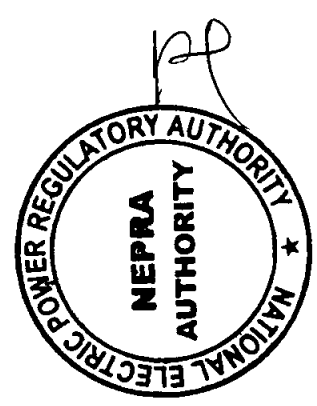
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CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of July 2022

S.No.	Power Producers	Fuel	Cap. Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOASM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Charge (Rs.)	Prev. Adjustment in VOASM (Rs.)	Prev. Adjustment in EPP Billing (Rs.)	Supp. Charges	Total Fuel Cost Rs.	Total VOASM Rs.	Total Energy Cost (Rs.)
31	Foundation Wind Energy (Pvt) Limited	Wind	50	12,950,340	-	-	-	-	-	-	-	-	-	-
32	Musiker Green Energy Limited	Wind	50	17,340,050	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewable (Private) Limited	Wind	50	17,000,530	-	-	-	-	-	-	-	-	-	-
34	ACTE DM Wind (Pvt) Ltd.	Wind	50	16,841,110	-	-	-	-	-	-	-	-	-	-
35	Aviatic Wind Power (Pvt) Ltd.	Wind	50	15,873,890	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	16,894,580	-	-	-	-	-	-	-	-	-	-
37	Laxishikha Energy Limited	Wind	50	16,961,410	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-Ltd.	Wind	50	15,450,910	-	-	-	-	-	-	-	-	-	-
39	DM Energy, Ltd.	Wind	50	15,483,940	-	-	-	-	-	-	-	-	-	-
40	Gal Ahmed Electric Limited	Wind	50	17,152,460	-	-	-	-	-	-	-	-	-	-
41	Zharis Pakistan New Energy Company Limit	Solar	50	17,428,800	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-l (Pvt) Ltd.	Wind	100	15,602,860	-	-	-	-	-	-	-	-	-	-
43	MASDA Green Energy Limited	Wind	50	17,355,980	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	23,145,150	-	-	-	-	-	-	-	-	-	-
45	SPS.	Mixed	257	16,974,284	80,503,096	-	80,503,096	-	-	-	-	80,503,096	-	80,503,096
	Sub-Total		2,843	606,199,871	80,503,096	-	80,503,096	-	-	-	-	80,503,096	-	80,503,096
	<b>G-TOTAL:</b>		38,780	14,150,974,936	157,846,872,214	4,623,870,376	156,169,842,869	752,370,232	(189,778,870)	582,590,363	-	152,592,242,447	4,433,890,705	156,732,133,152
1	Hydel			4,878,931,717		711,230,303	711,230,303			(953,885)		37,687,311,378	710,276,418	710,276,418
2	Coal			1,802,188,700	38,435,974,170	953,311,366	37,389,265,478	1,431,337,288	2,161,550	1,433,498,818		5,669,883,632	85,472,915	38,822,784,284
3	HEB			205,973,422	5,744,300,397	60,589,482	5,683,710,915	(274,418,525)		(274,418,525)		31,961,439,984	817,980,284	5,950,475,324
4	F.O.			978,919,586	31,304,050,289	1,070,801,709	32,375,852,000	356,728,983	(192,814,423)	163,977,280		14,900,328,532	62,985,680	32,478,425,269
5	Gas			1,688,495,518	14,803,212,194	603,137,386	15,406,349,584	(102,883,666)	(151,588)	(103,035,172)		99,303,458,851	1,030,926,188	15,393,314,412
6	RLNG			2,178,550,447	99,981,319,478	1,030,392,986	101,011,712,464	(95,459,427)	(26,470)	(95,485,897)		2,108,628,103	-	60,354,385,040
7	Nuclear			2,098,541,060	2,108,628,103	2,108,628,103	2,108,628,103	(103)		(103)		1,093,628,389	-	2,108,628,103
8	Import from Iran			46,572,499	1,093,628,471	1,093,628,471	1,093,628,471					-	-	1,093,628,389
9	Wind Power			978,919,586										
10	Solar			40,453,169	243,089,702	33,648,521	278,718,222	0	2,003,007	2,003,007		243,089,702	35,651,527	278,717,229
11	Bio-gas			18,924,384	80,503,096	80,503,096	80,503,096	-	-	-		80,503,096	-	80,503,096
	Mixed			14,150,914,938	151,846,872,214	4,623,870,376	156,169,842,869	752,370,232	(189,778,870)	582,590,363	-	152,288,242,447	4,433,890,705	156,732,133,152
	<b>TOTALS:</b>			14,138,987,556	152,288,242,447	4,433,890,705	156,732,133,152							
	<b>Energy Cost (Rs.)</b>				152,288,242,447	4,433,890,705	156,732,133,152							
	<b>Cost not chargeable to DISCOs (Rs.)</b>				1,164,965,679	-	1,164,965,679							
	<b>EPP (Chargeable) (Rs.)</b>				151,133,276,768	4,433,890,705	155,567,167,473							
	<b>Energy Sold (kWh)</b>				13,760,317,812	13,760,317,812	13,760,317,812							
	<b>Avg. Rate (Rs./kWh)</b>				10.9833	0.3222	11.3055							
	<b>References: Rate (Rs./kWh)</b>				6.2879									
	<b>FCA: Rate (Rs./kWh)</b>				4.6854									

*Dr. New. A*



				Annex-II
Source Wise Generation				
Sources	July 2022			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	4,722.48	33.18%	4,976.93	35.16%
Coal	2,280.78	16.03%	1,802.19	12.73%
HSD	-	0.00%	205.97	1.46%
RFO	621.39	4.37%	876.92	6.20%
Gas	1,578.27	11.09%	1,466.41	10.36%
RLNG	3,254.01	22.87%	2,119.55	14.97%
Nuclear	1,021.69	7.18%	2,009.54	14.20%
Import Iran	51.42	0.36%	46.57	0.33%
Mixed	13.87	0.10%	16.92	0.12%
Wind	582.41	4.09%	521.72	3.69%
Baggasse	37.46	0.26%	40.63	0.29%
Solar	67.49	0.47%	70.77	0.50%
<b>Total</b>	<b>14,231.29</b>	<b>100.0%</b>	<b>14,154.13</b>	<b>100.0%</b>
Sale to IPPs	(16.00)	-0.11%	(29.18)	-0.21%
Transmission Losses	(399.84)	-2.81%	(362.69)	-2.56%
Net Delivered	13,815.45	97.1%	13,762.26	97.23%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	July 2022			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	27,479.10	12.0481	36,089.07	20.0251
HSD	-	-	5,744.30	27.8886
RFO	8,132.36	13.0873	31,304.65	35.6984
Gas	12,871.43	8.1554	14,603.21	9.9585
RLNG	36,803.01	11.3100	55,968.46	26.4058
Nuclear	1,012.46	0.9910	2,108.63	1.0493
Import Iran	665.49	12.9410	1,063.62	22.8380
Mixed	91.38	6.5872	80.50	4.7567
Wind	-	-	-	-
Baggasse	231.50	6.1801	243.07	5.9822
Solar	-	-	-	-
<b>Total</b>	<b>87,286.73</b>	<b>6.1334</b>	<b>147,205.52</b>	<b>10.4002</b>
Supplemental Charges	-	-	752.37	0.0532
Sale to IPPs	(416.81)	-	(1,164.97)	(39.9270)
<b>Grand Total</b>	<b>86,869.93</b>	<b>6.1042</b>	<b>146,792.93</b>	<b>10.3710</b>
Transmission Losses	-	0.1837	-	0.2953
<b>Total</b>	<b>86,869.93</b>	<b>6.2879</b>	<b>146,792.93</b>	<b>10.6663</b>
EMO Deductions			(481.6)	
<b>Net Total</b>	<b>86,870</b>	<b>6.2879</b>	<b>146,311</b>	<b>10.6314</b>

National Electric Power Regulatory Authority



NOTIFICATION

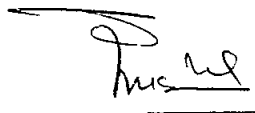
Islamabad, the September 12, 2022

S.R.O. 1727 (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 July 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	July 2022
Actual Fuel Charge Component for July 2022	Rs.10.6314/kWh
Corresponding Reference Fuel Charge Component	Rs.6.2879/kWh
<b>Fuel Price Variation for the month of July 2022 - Increase</b>	<b>Rs.4.3435/kWh</b>

Note: The Authority has reviewed and assessed an increase of Rs.4.3435/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of July 2022 as per the above details.

2. The above adjustment an increase of Rs.4.3435/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 July 2022 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of July 2022 in the billing month of September 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.

  
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( Syed Safer Hussain )  
Registrar

